The Global Heat Flow Database: Update 2023

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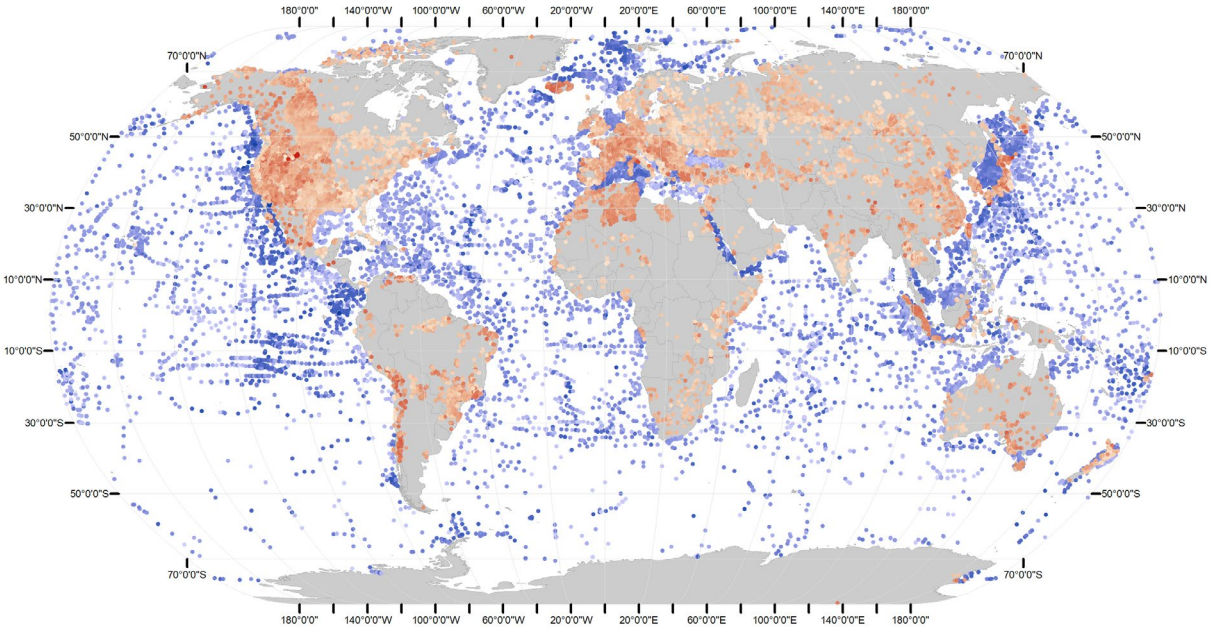

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1. License

2. Citation

When using the data please cite:

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3. Data description

The data publication contains the compilation of global heat-flow data by the International Heat Flow Commission (IHFC; www.ihfc-iugg.org) of the International Association of Seismology and Physics of the Earth's Interior (IASPEI). The presented data update 2023 contains data generated between 1939 and 2022 and constitutes the first intermediate update benefiting from the global collaborative assessment and quality control of the Global Heat Flow Database running since May 2021 (http://assessment.ihfc-iugg.org).

3.1. Data processing

The presented data release considers the structure for reporting and storing heat-flow data in the Global Heat Flow Database (e.g. Fuchs et al., 2021a). The notation and structure of the database was introduced with the 2021 release (Fuchs et al., 2021b) and substituted the database structure defined by Jessop et al. (1976). For details of the database concept and a comprehensive description, including field desirability classifications and examples of associated data, we refer to Fuchs et al. (2021a).

The new database concept has some distinct key features, namely: it introduces parent elements (listing location-specific information), child elements (heat-flow values with relevant meta-data) and additional fields, providing sufficient information for the evaluation of the quality of the heat-flow data. The new structure also assigns a 'desirability' classification to each field according to its relevance for understanding the quality of the reported heat-flow value; 'mandatory', 'recommended', or 'optional'. This classification defines mandatory fields that delineate minimum requirements for heat-flow values to be entered into the database.

3.2. Heat-flow data

The data release comprises new original heat-flow data published since May 2021 (the release 2021). It contains 73,033 heat-flow data from 1,414 publications. 55% of the reported heat-flow values are from the continental domain (n ~ 40,082), while the remaining 45% are located in the oceanic domain (n ~ 32,951). The data are generally distributed heterogeneously across the main geological regions, as shown in Table 1 (e.g., Stål et al., 2022):

Table 1 Data per plate (used data: ESRI ARC GIS Plate Lines and Polygons)

Plate	Number	Frequency (%)	Ratio (frequency per area)	
Total	*73,033*	*100*	*>1: overrepresented <1 underrepresented*	
African Plate	6,123	8.4%	0.70	-
Antarctic Plate	609	0.8%	0.04	--
Arabian Plate	560	0.8%	0.87	-
Caribbean Plate	676	0.9%	1.73	+
Cocos Plate	2,66	3.6%	6.82	++
Eurasian Plate - Asia	9797	13.4%	1.14	+
Eurasian Plate - Europe	10,023	13.7%	2.40	+
Indo-Australian Plate	2,912	4.0%	0.40	-
Nazca Plate	614	0.8%	0.34	-
North American Plate	27,046	37.0%	2.82	+
Pacific Plate	9,680	13.3%	0.79	-
Philippine Plate	717	1.0%	0.91	-
South American Plate	1,650	2.3%	0.35	-

4. File description

4.1. Description of data tables

File IHFC_2023_GHFDB.csv or IHFC_2023_GHFDB.xlsx contains:

Abbreviations – Level: Parent level (P), child level (C); Scheme: Applicable for borehole and mine data (B), applicable for probe sensing data in oceans and lakes (S), relevant for all (BS); Classification – Class: Mandatory (M), Recommended (R), Optional (O); Field: Field number in Fuchs et al. (2021a)

Column header	Unit	Short description	Level	Scheme	Class	Field
q	mW/m²	Terrestrial surface heat-flow (hf) value after all corrections for instrumental and environmental effects	P	BS	M	1
q_unc	mW/m²	Uncertainty standard deviation (SD) of q	P	BS	R	2
name	-	Name of the related hf site	P	BS	M	9
lat	°	N-S coordinate	P	BS	M	10
lng	°	E-W coordinate	P	BS	M	11
elevation	m	Height above or below mean sea level	P	BS	R	12
Ref_1	-	Literature reference	P	BS	M	14
q_acq	-	Year of hf data acquisition	P	BS	O	16
env	-	General geographical setting of site	P	BS	M	17
method	-	Digestion method for hf measurement	P	B	R	19
expl	-	Main purpose of original excavation	P	B	R	20
corr_HP_flag	-	Heat production considered for q?	P	BS	R	23
wat_temp	°C	Seafloor temperature	P	S	R	33
q_comment	-	Any further comments	P	BS	O	34
qc	mW/m²	Any kind of heat-flow value (qc)	C	BS	M	1
qc_unc	mW/m²	Uncertainty SD of qc	C	BS	R	2
q_method	-	Method of hf calculation	C	BS	M	3
q_top	m	Depth of top hf interval	C	BS	M	4

t_bot	m	Depth of bottom hf interval	C	B	M	5
hf_pen	m	Penetration depth of marine probe	C	S	R	6
hf_probe	m	Type of hf probe	C	S	R	7
hf_probeL	m	Length of hf probe	C	S	R	8
q_tf_mech	-	Specification of predominant heat transfer mechanism	C	BS	R	13
Ref_2	-	Supporting literature references	C	BS	O	15
qc_acq	-	Year of qc data acquisition	C	BS	O	16
childcomp	-	Child qc used for q calculation?	C	BS	M	18
corr_IS_flag	-	Conductivity under in-situ pT conditions?	C	BS	R	21
corr_T_flag	-	T data corrected?	C	BS	R	22
corr_S_flag	-	Sedimentation/subsidence effects corrected?	C	BS	R	24
corr_E_flag	-	Erosion effects corrected?	C	BS	R	25
corr_TOPO_flag	-	Topographic effects corrected?	C	BS	R	26
corr_PAL_flag	-	Transient climatic effects corrected?	C	BS	R	27
corr_CONV_flag	-	Convection effect corrected?	C	BS	R	28
corr_BWT_flag	-	Transient bottom-water temperature effects corrected?	C	S	R	29
corr_HR_flag	-	Refraction due to conductivity contrasts corrected?	C	BS	R	30
geo_lith	-	Dominant rock type for hf interval	C	BS	O	31
geo_strat	-	Stratigraphic age of hf interval	C	BS	O	32
T_grad_mean_meas	K/km	Measured T gradient	C	BS	M	35
T_grad_unc_meas	K/km	Uncertainty standard deviation of gradT	C	BS	R	36
T_grad_mean_cor	K/km	Corrected T gradient	C	BS	O	37
T_grad_unc_cor	K/km	Uncertainty SD of corrected gradT	C	BS	O	38
T_method_top	-	Method used for temperature determination at the top	C	B	M	39
T_method_bot	-	Method used for temperature determination at the bottom	C	B	M	40
T_shutin_top	hr	Time after end of drilling/end of mud circulation at the top	C	B	R	41
T_shutin_bot	hr	Time after end of drilling/end of mud circulation at the bottom	C	B	R	42
T_corr_top	-	Correction method applied at the top	C	B	R	43
T_corr_bot	-	Correction method applied at the bottom	C	B	R	44
T_number	-	Number of discrete temperature points	C	BS	R	45
T_tilt	-	Tilt of the marine hf probe	C	S	R	46
tc_mean	W/(mK)	Mean conductivity in vertical direction	C	BS	M	47
tc_unc	W/(mK)	Uncertainty SD of TC mean	C	BS	R	48
tc_source	-	Nature of the samples	C	BS	M	49
tc_method	-	Method used for TC determination	C	BS	R	50
tc_satur	-	Saturation state of the rock sample	C	BS	M	51

tc_pTcond	-	pT conditions of TC determination	C	BS	M	52
tc_pTfunc	-	Technique or approach used to consider pT conditions	C	BS	R	53
tc_numb	-	Number of discrete TC determinations	C	BS	R	54
tc_strategy	-	Strategy to estimate the TC over the vertical hf interval	C	BS	R	55
Ref_ISGN	-	International Generic Sample Numbers	C	BS	O	56
ID	-	Unique ID 2023	A			
A_dom	-	Domain	A			
A_reg	-	Region	A			
A_cont	-	continent	A			

5. Change log and revision status

The database release 2023 is an update of the previous 2021 release (Fuchs et al., 2021b). The following actions took place:

1) Data without unique reference (with reference information like 'unpublished data', 'personal communication' or 'first publication') were omitted now. This applied to data from 68 references, including 3,132 data.
2) New data from 7 publications with 990 data, published after the release 2021, have been accepted.
3) Old data from 72 publications with 1,841 data, published before 2021 but not considered in the 2021 release, have been considered.
4) Data from 208 publications, already contained in the 2021 release, have been systematically assessed.

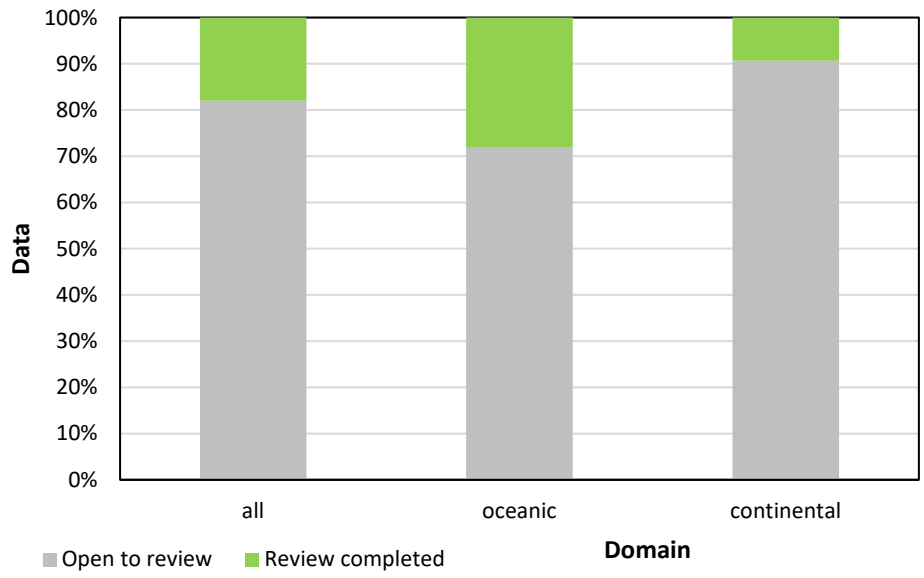

Figure 1: Data statistics

Compared to the last IHFC database release from 2021 (74,548 heat-flow data), 73,033 heat-flow data from 1,414 publications have been considered for the present release. Circa 20% of publications (287 publications with 12,946 data from 9,761 sites) were revised by 28 contributors. For the reassessed

historical data, mandatory data fields are filled to 83%, while this is the case for only 35% of the data not assessed yet. 28% of the marine data, and 9% of the continental data are updated so far (overall rate of 18% of data). Ongoing work aims to expand the catalogue further and improve the representation of underrepresented regions and settings (Stål et al., 2022).

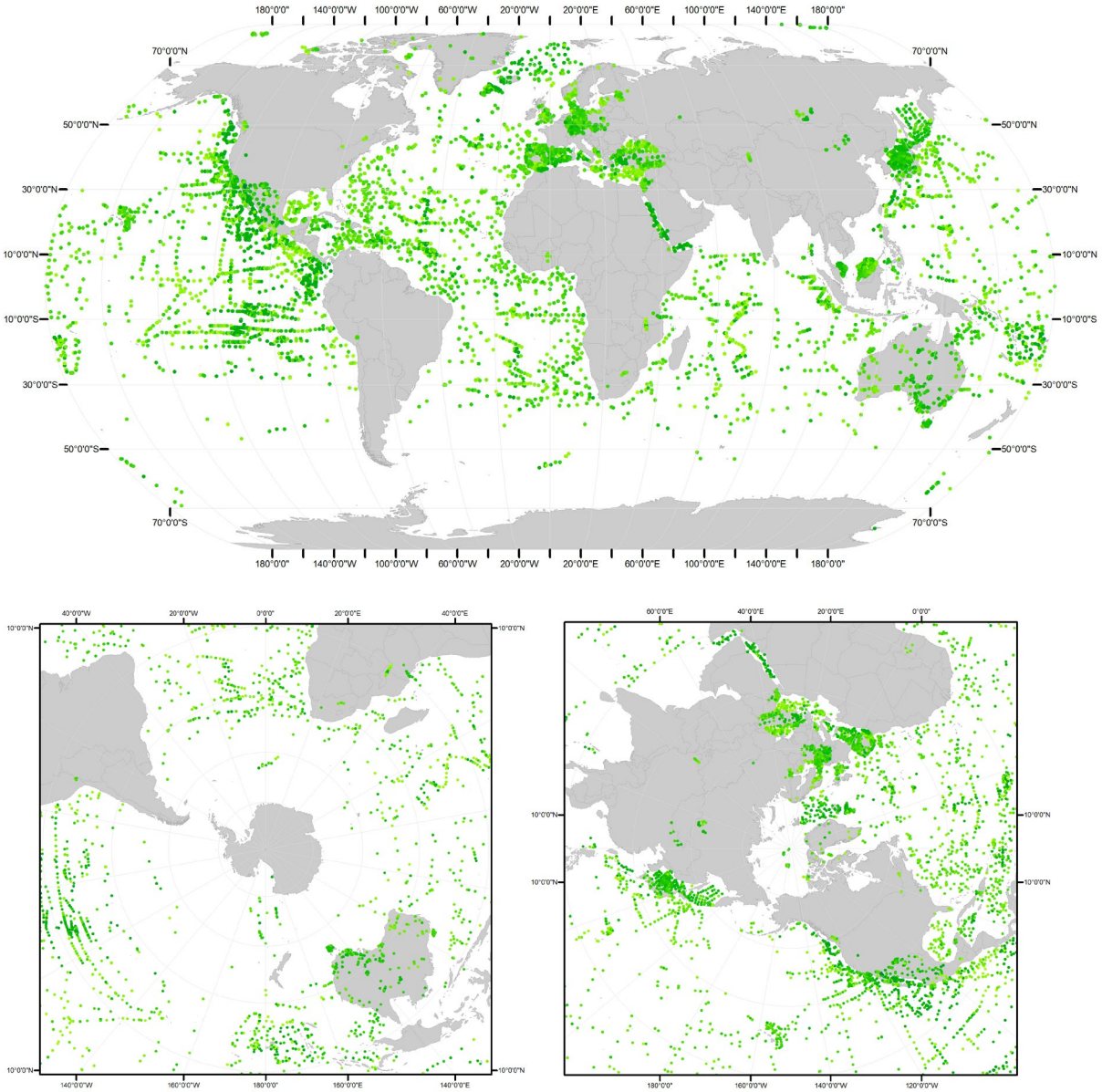

Figure 2: Distribution of assessed data.

1: Data omitted due to unclear references

Anderson_etal._1978c, Balobaev_Deviatkin_1971, Balobaev_etal._1973, Brott_etal._1983, Buachidze_1990, Bullard_1954, Camerlenghi_etal._1992, Carvalho_1981, Cermak_1982a, CUT_UG, Davis_1992, Davis_1992b, Decker_1980a, Demange93, Devyatkin_1981a, Dovenyi_Horvath_1985, Firsov_1990, Fisher_Becker_1991, Foster_1974, Gable_etal._1982, Horvath_Dovenyi_1991, ImperialCollege, Joshima_etal._1990, Khutorskoy_etal._1983, Kinoshita_2004, Kobzar_etal._1990, Kotrovskii_etal._1990, Kurchikov_Stavitskiy_1990, Kutas_etal._1975c, KUTh_etal._2009, Lamont-Doherty_1990, Matsubara_2004, Matthews_etal._1972, Nykh_etal._1981, OxfordHFG, Phillips_etal._1969, Podgornykh_etal._1990, Rabinowitz_Ludwig_1980, Rodnikov_etal._1990, Salman_etal._1990, Shvartsman_etal._1977, Sinica_etal._1978, Sinica_etal._1979, Smirnov_etal._1990, Smith_etal._1976, Smith_Griffin_1977, Soinov_etal._1979, Statya_etal._2008, Swanberg_etal._1974a, Tanaka_etal._1994, Unknown_2000, Uyeda_etal._1964, Veselov_2004, Veselov_Soinov_1973,

Watanabe_2004, Watanabe_etal._1992, X_etal._1985, X_etal._1986, X_etal._1986a, X_etal._1987, Yamano_2004, Yamazaki_etal._1990, Yasui_2004, Yasui_etal._1990, Zolotarev_etal._1990, Zolotarev_unknown, Zuev_Talvirsky_1974, Unspecified

2–3: Newly added publications:

Afandi_etal._2021, Beck_Judge_1969, Ben-Avraham_etal._1978, Berndt_etal._2015, Bloomer_etal._1979, Bullard_etal._1956, Burkhardt_etal._1989a, Burkhardt_etal._1989b, Camelo_1987, Cermak_1979a, Colgan_Wansing_2021, Curray_etal._1978a, Curray_etal._1978b, Curray_etal._1978c, DellaVedova_Pellis_1986b, Diment_etal._1965a, Doig_1961, Eckstein_1976, Eckstein_1979, Erickson_etal._1975, Espinoza-Ojeda_etal._2017, Flores-Marquez_etal._1999, Fuchs_Balling_2016b, Fuchs_etal._2015, Geilert_etal._2018, Glaeser_1983, Gorecki_etal._2011, Grevemeyer_etal._2017, Griffin_etal._1977, Haenel_1969a, Haenel_1969b, Haenel_1969c, Haenel_1969d, Haenel_1970a, Haenel_1972c, Haenel_1973a, Haenel_1973c, Haenel_1974a, Haenel_1974b, Haenel_1975, Haenel_etal._1983, Haenel_Zoth_1971a, Haenel_Zoth_1971b, Haenel_Zoth_1975, Huenges_Zoth_1991, Jaeger_Sass_1963, Kaemmlein_etal._2020, Khutorskoy_etal._1990, Khutorskoy_etal._1994, Kononov_etal._1990, Lister_1970b, Liu_etal._2020, Ludwig_Rabinowtiz_1975, Lyubimova_1969, Macelloni_etal._2015, Madon_Jong_2021, Majorowicz_1973a, Møller_etal._2018, Nason_Lee_1962, Negrete-Aranda_etal._2021, Neumann_etal._2017, Oelsner_1978, Orilski_etal._2010, Peña-Dominguez_etal._2022, Polyak_etal._1996, Popov_etal._2021, Rabinowtiz_Ludwig_1980, Reiter_Tovar_1982, Revelle_Maxwell_1952, Riedel_etal._2021, Ryan_1969, Sass_etal._1976d, Schoessler_Schwarzlose_1959, Schulz_1987, Schulz_1988, Sclater_etal._1970b, Udintsev_etal._1971, Wesierska_1973, Wronski_1977

4: Assessed publications:

Albert-Beltran_1979, Anderson_1975, Anderson_etal._1976a, Anderson_etal._1976b, Anderson_etal._1978b, Anderson_Hobart_1976, Anderson_VonHerzen_1978, Beardsmore_2004, Beardsmore_2005, Beardsmore_Altmann_2002, Becher_Meincke_1968, Beck_Mustonen_1972, Benfield_1939, Birch_1964, Birch_1965, Birch_Halunen_1966, Bookman_etal._1972, Bram_1979a, Bullard_1939, Bullard_Day_1961, Burns_1964, Burns_1970, Burns_Grim_1967, Camerlenghi_etal._1995, Clark_1961, Clark_etal._1978, Collette_etal._1968, Creutzburg_1964, Cull_1980, Cull_1982, Cull_Denham_1979, Davis_Lister_1977, Diment_Weaver_1964, Duque_Mendes-Victor_1993, Epp_etal._1970, Erickson_1970, Erickson_1973, Erickson_etal._1972, Erickson_etal._1979, Erickson_Hyndman_1979, Erickson_Simmons_1969, Erickson_Simmons_1974, Erickson_VonHerzen_1978a, Erickson_VonHerzen_1978b, Fernandez_etal._1998, Fisher_etal._2001, Foerster_Foerster_2000, Foster_1962, Foster_etal._1974, Foucher_Sibuet_1979, Fuchs_Foerster_2010, Galanis_etal._1986, Gallagher_1987, Garcia-Estrada_etal._2001, Gerard_etal._1962, Girdler_1970, Girdler_etal._1974, Gordienko_etal._1984, Green_etal._1981, Grevemeyer_etal._2009, Grim_1969, Groenlie_etal._1977, Haenel_1970b, Haenel_1971a, Haenel_1971b, Haenel_1972a, Haenel_1972b, Haenel_1974d, Haenel_1979a, Haenel_1983, Haenel_Bram_1977, Haenel_etal._1974, Halunen_VonHerzen_1973, Henyey_Bischoff_1973, Herman_etal._1977, Hobart_etal._1975, Hobart_etal._1985, Horai_etal._1970, Houseman_etal._1989, Howard_Sass_1964, Hueckel_Kappelmeyer_1965, Hurter_Haenel_2002, Hyndman_1967, Hyndman_1976, Hyndman_etal._1968, Hyndman_etal._1969, Hyndman_etal._1976, Hyndman_Everett_1968, Hyndman_Rankin_1972, Hyndman_Sass_1966, Jaeger_1970, Jongsma_1974, Kasameyer_etal._1972a, Korgen_etal._1971, Lachenbruch_Marshall_1966, Lachenbruch_Marshall_1968, Langseth_etal._1965, Langseth_etal._1966, Langseth_etal._1970, Langseth_etal._1971, Langseth_etal._1972, Langseth_etal._1974, Langseth_etal._1988b, Langseth_Grim_1964, Langseth_Hobart_1976, Langseth_Taylor_1967, Lavenia_1967, Law_etal._1965, Lawver_1975, Lawver_etal._1973, Lawver_etal._1975, Lawver_Williams_1979, Lee_Henyey_1975, Lee_VonHerzen_1975, LeMarne_Sass_1962, Lewis_1983, Lewis_Hyndman_1976, Lilley_etal._1977, Lister_1963a, Lister_1963b, Lister_1970a, Lister_1972, Lister_Reitzel_1964, MacDonald_2009, Macdonald_etal._1973, Marshall_Erickson_1974, Matthews_Beardsmore_2007, Matthews_etal._2013, Maxwell_Revelle_1956, Meincke_etal._1967, Morgan_1979, Nagasaka_etal._1970, Nason_Lee_1964, Newstead_Beck_1953, Norden_etal._2008, Palmason_1967, Paterson_Law_1966, Poort_etal._2020, Prol-Ledesma_etal._1989, Prol-Ledesma_etal._2018, Purss_Cull_2001, Pye_Hyndman_1972, Reitzel_1961a, Reitzel_1963, Reznik_Bartov_2021, Rhea_etal._1964, Risk_Hochstein_1974, Rolandone_etal._2020, Rysgaard_etal._2018, Sass_1964a, Sass_1964b, Sass_etal._1967, Sass_etal._1972, Sass_etal._1976b, Sass_LeMarne_1963, Sass_Munroe_1970, Schubert_Peter_1974, Schuech_1973, Sclater_1966, Sclater_Corry_1967, Sclater_Erickson_1974, Sclater_etal._1970a, Sclater_etal._1970d, Sclater_etal._1971, Sclater_etal._1972, Sclater_etal._1974b, Sclater_Klitgord_1973, Shalev_etal._2013, Smith_1974, Smith_etal._1979, Talwani_etal._1971, Tezcan_Turgay_1991, Urban_Tsybulya_1988, Uyeda_etal._1962, Uyeda_Horai_1964, Vacquier_etal._1966, Vacquier_etal._1967, Vacquier_Taylor_1966, Vacquier_VonHerzen_1964, Verzhbitsky_Zolotarev_1989, VonHerzen_1959, VonHerzen_1963, VonHerzen_1964, VonHerzen_1973, VonHerzen_Anderson_1972, VonHerzen_etal._1970, VonHerzen_etal._1971, VonHerzen_etal._1974, VonHerzen_Langseth_1965, VonHerzen_Maxwell_1964, VonHerzen_Simmons_1972, VonHerzen_Uyeda_1963, VonHerzen_Vacquier_1966, VonHerzen_Vacquier_1967, Watanabe_etal._1975, Williams_etal._1974, Williams_etal._1977, Williams_etal._1979, Wimbush_Sclater_1971, Wu_etal._2019, Yasui_etal._1963, Yasui_etal._1966, Yasui_etal._1967b, Yasui_etal._1968a, Yasui_etal._1968b, Yasui_etal._1970, Yasui_Watanabe_1965, Ziagos_etal._1985

6. Acknowledgements

This work continues a tradition of the International Heat Flow Commission to periodically publish releases of the Global Heat Flow Database (e.g., Lee and Uyeda, 1965; Simmons and Horai, 1968; Jessop et al., 1976; Pollack et al., 1993; Gosnold and Panda, 2002; IHFC, 2012; Global Heat Flow Compilation Group, 2013; Fuchs et al., 2021b). We gratefully acknowledge the contributions of present and past members of the International Heat Flow Commission.

7. References

Fuchs, S.; Beardsmore, Graeme; Chiozzi, P.; Espinoza-Ojeda, O. M.; Gola, G.; Gosnold, W.; Harris, R.; Jennings, S.; Liu, S.; Negrete-Aranda, R.; Neumann, F.; Norden, B., Poort, J.; Rajver, D.; Ray, L.; Richards, M.; Smith, J.; Tanaka, A.; Verdoya, M. (2021a) A new database structure for the IHFC Global Heat Flow Database. International Journal of Terrestrial Heat Flow and Applied Geothermics 4(1), 14p. https://doi.org/10.31214/ijthfa.v4i1.62

Fuchs, S.; Norden, B.; International Heat Flow Commission (2021b) The Global Heat Flow Database: Release 2021. GFZ Data Services. https://doi.org/10.5880/fidgeo.2021.014

Fuchs, S.; Förster, A.; Norden, B. (2022) Evaluation of the terrestrial heat flow in Germany: A case study for the reassessment of global continental heat-flow data. Earth-Science Reviews Volume 235, December 2022, 104231, https://doi.org/10.1016/j.earscirev.2022.104231

Global Heat Flow Compilation Group (2013) *Component parts of the World Heat Flow Data Collection*. PANGAEA, https://doi.org/10.1594/PANGAEA.810104

Gosnold, W.;Panda, B. (2002) The global heat flow database of the International Heat Flow Commission.

IHFC (2012) Global Heat Flow Database. *The Global Heat Flow Database of the International Heat Flow Commission (IHFC)*, University of North Dakota, USA; (data copied, 2012-10), http://www.heatflow.und.edu/index2.html (link expired)

Jessop, A.M.; Hobart, M. A.;Sclater, J. G. (1976) The World Heat Flow Data Collection - 1975. Geological Survey of Canada, Earth Physics Branch, Geothermal Series, 5, 10. https://doi.org/10013/epic.40176.d002

Lee, W. H. K.;Uyeda, S. (1965) Review of Heat Flow Data. In Terrestrial Heat Flow (pp. 87-190): American Geophysical Union.

Lucazeau, F. (2019) Analysis and Mapping of an Updated Terrestrial Heat Flow Data Set. Geochemistry, Geophysics, Geosystems, 20(8), 4001-4024. https://doi.org/10.1029/2019gc008389

Pollack, H. N.; Hurter, S. J.; Johnson, J. R. (1993) Heat flow from the earth's interior: analysis of the global data set. Reviews of Geophysics, 31(3), 267-280.

Simmons, G.;Horai, K.-i. (1968) Heat flow data 2. Journal of Geophysical Research (1896-1977), 73(20), 6608-6609 https://doi.org/10.1029/JB073i020p06608.

8. Database References

Abbott_2008 Abbott, D.H. (2008). *Abbott Marine Heat Flow Compilation*.

Abbott_etal._1986b Abbott, D.H., Hobart, M.A., & Embley, R.W. (1986). Heat flow and mass wasting in the Wilmington Canyon Region: U.S. Continental Margin. *Geo-Marine Letters, 6*, 131-138.

Abbott_etal._1984 Abbott, D.H., Menke, W., Hobart, M.A., Anderson, R.N., & Embley, R.W. (1984). Correlated sediment thickness, temperature gradient and excess pore pressure in a marine fault block basin. *Geophysical Research Letters* https://doi.org/10.1029/GL011i005p00485.

Abbott_etal._1986a Abbott, D.H., Morton, J.L., & Holmes, M.L. (1986). Heat flow measurements on a hydrothermally-active, slow-spreading ridge: The Escanaba Trough. *Geophysical Research Letters, 13*(7), 678-680 https://doi.org/10.1029/GL013i007p00678.

Adam_etal._2003 Adam, C., Bonneville, A., Cannat, M., Escartin, J., Gouze, P., Lucazeau, F., Lebars, M., Monoury, E., Vidal, V., & Von Herzen, R.P. (2003). Taking the temperature of the Lucky Strike area. *International Research: Mid-Atlantic Ridge, 12*(2), 27-30.

Afandi_etal._2021 Afandi, A., Lusi, N., Catrawedarma, I.G.N.B., & Zaman, M.B. (2021). Identification of gradient temperature and heat flow area of geothermal Ijen Volcano Indonesia. *IOP Conference Series: Materials Science and Engineering* https://doi.org/10.1088/1757-899X/1034/1/012072.

Akhmedzyanov_etal._2012a Akhmedzyanov, V.R., Ermakov, A.V., & Khutorskoy, M.D. (2012). New data on heat flow in the North Atlantic Region. *Doklady Earth Sciences, 442*(1), 91-96 https://doi.org/10.1134/s1028334x12010011.

Albert-Beltran_1979 Albert-Beltran, J.F. (1979). Heat flow and temperature gradient data from Spain. In

Terrestrial Heat Flow in Europe (pp. 261-266).

Alexandrino_Hamza_2008 Alexandrino, C.H., & Hamza, V.M. (2008). Estimates of heat flow and heat production and a thermal model of the Sao Francisco craton. *International Journal of Earth Sciences*, 289-306 https://doi.org/10.1007/s00531-007-0291-y.

Alexandrov_etal._1972 Alexandrov, A.L., Lyubimova, E.A., & Tomara, G.A. (1972). Heat flow through the bottom of the inner seas and lakes in the USSR. *Geothermics, 1*(2), 73-80 https://doi.org/10.1016/0375-6505(72)90016-8.

Aliev_etal._1979 Aliyev, S.A., Ashirov, T., Lipsits, Y.M., Sopiev, V.A., & Sudakov, N.P. (1979). Novye Dannye O Teplovom Potoke Cherez Dno Kaspiiskogo Morya (New Data on Heat Flow Through the Bottom of the Caspian Sea). [Новые данные о тепловом потоке через дно Каспийского моря]. *Izvestiya Akademii Nauk Turkmenskoi SSR. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk (News of the Turkmenian SSR Academy of Sciences. Series of Physicotechnical, Chemical, and Geological Sciences) 2*, 124-126.

Allis_1975 Allis, R.G. (1975). Geothermal measurements in five small lakes of northwestern Ontario, Canada. *Canadian Journal of Earth Sciences, 13*(7), 987-992 https://doi.org/10.1139/e76-100.

Allis_Garland_1979 Allis, R.G., & Garland, G.D. (1979). Heat flow measurements under some lakes in the Superior Province of the Canadian Shield. *Canadian Journal of Earth Sciences, 16*(10), 1951-1964 https://doi.org/10.1139/e79-182.

Anderson_1940 Anderson, E.M. (1940). *The Loss of heat by conduction from the Earth's Crust in Britain.* Paper presented at the Proceedings of the Royal Society of Edinburgh.

Anderson_1975 Anderson, R.N. (1975). Heat flow in the Mariana Marginal Basin. *Journal of Geophysical Research, 80*(29), 4043-4048 https://doi.org/10.1029/JB080i029p04043.

Anderson_Hobart_1976 Anderson, R.N., & Hobart, M.A. (1976). The relation between heat flow, sediment thickness, and age in the eastern Pacific. *Journal of Geophysical Research, 81*(17), 2968-2989 https://doi.org/10.1029/JB081i017p02968.

Anderson_etal._1979 Anderson, R.N., Hobart, M.A., & Langseth Jr, M.G. (1979). Geothermal convection through oceanic crust and sediments in the Indian Ocean. *Science, 204*(4395), 828-832 https://doi.org/10.1126/science.204.4395.828.

Anderson_etal._1978b Anderson, R.N., Hobart, M.A., Von Herzen, R.P., & Fornari, D.J. (1978). *Geophysical surveys on the East Pacific Rise—Galapagos Rise system* (Vol. 54) https://doi.org/10.1111/j.1365-246X.1978.tb06761.x.

Anderson_etal._1978a Anderson, R.N., Langseth Jr, M.G., Hayes, D.E., Watanabe, T., & Yasui, M. (1978). *Heat fow, thermal conductivity, thermal gradient*: Ser. Geol. Soc. Amer.

Anderson_etal._1977 Anderson, R.N., Langseth Jr, M.G., & Sclater, J.G. (1977). The mechanisms of heat transfer through the floor of the Indian Ocean. *Journal of Geophysical Research, 82*(23), 3391-3409 https://doi.org/10.1029/JB082i023p03391.

Anderson_etal._1976a Anderson, R.N., Langseth Jr, M.G., Vacquier, V., & Francheteau, J. (1976). New terrestrial heat flow measurements on the Nazca plate. *Earth and Planetary Science Letters, 29*(2), 243-254 https://doi.org/10.1016/0012-821x(76)90128-x.

Anderson_Larue_1991 Anderson, R.N., & Larue, D.K. (1991). Wellbore Heat-Flow from the Toa-Baja Scientific Drillhole, Puerto-Rico. *Geophysical Research Letters, 18*(3), 537-540 https://doi.org/10.1029/91gl00391.

Anderson_etal._1976b Anderson, R.N., Moore, G.F., Schilt, S.S., Cardwell, R.C., Tréhu, A., & Vacquier, V. (1976). Heat flow near a fossil ridge on the north flank of the Galapagos Spreading Center. *Journal of Geophysical Research, 81*(11), 1828-1838.

Anderson_VonHerzen_1978 Anderson, R.N., & Von Herzen, R.P. (1978). Heat flow on the Pacific-Antarctic Ridge. *Earth and Planetary Science Letters, 41*(4), 451-460 https://doi.org/10.1016/0012-821x(78)90176-0.

Andreescu_etal._1989 Andreescu, M., Burst, D., Demetrescu, D., Ene, M., & Polonic, G. (1989). On the geothermal regime of the Moesian Platform and Getic Depression. *Tectonophysics, 164*(44288), 281-286 https://doi.org/10.1016/0040-1951(89)90021-8.

Andrews-Speed_etal._1984 Andrews-Speed, C.P., Oxburgh, E.R., & Cooper, B.A. (1984). Temperatures and depth dependent heat flow in western North Sea. *Aapg Bulletin-American Association of Petroleum Geologists, 68*(11), 1764-1781 https://doi.org/10.1306/ad461999-16f7-11d7-8645000102c1865d.

Arnaiz-Rodriguez_Orihuela_2013 Arnaiz-Rodriguez, M.S., & Orihuela, N. (2013). Curie point depth in Venezuela and the Eastern Caribbean. *Tectonophysics, 590*, 38-51 https://doi.org/10.1016/j.tecto.2013.01.004.

Arshavskaya_etal._1984 Arshavskaya, N.I., Galdin, N.E., Karus, E.V., Kuznetsov, O.L., Lyubimova, E.A., Milanovsky, S.Y., Nartikoev, V.D., Semashko, S.A., & Smirnova, E.V. (1984). Teplovye Svoistva Porod (Thermal Properties of Rocks). In *Kolskaya Sverkhglubokaya. Issledovanie Glubinnogo Stroeniya Kontinentalnoi Kory s Pomoshchyu Bureniya Kolskoi*

Sverkhglubokoi Skvazhiny (The Kola Superdeep Borehole. Investigation of Deep Structure of the Continental Crust With Use of the Kola Superdeep Borehole) (pp. 341-348).

Artemenko_etal._1986 Artemenko, V.I., Selyaninov, V.G., Smirnova, L.A., & Strygin, V.N. (1986). Avtonomnyj cifrovoj termozond dlja morskih geotermal'nyh issledovanij (ATSTM-1) (Autonomous digital thermal probe for marine geothermal studies (ATSTM-1)). [Автономный цифровой термозонд для морских геотермальных исследований (АТСТМ-1)]. *Okeanologiya (Oceanology), 29*(6), 1033-1038 https://doi.org/10.1594/pangaea.809041.

ASCOPE_1986 ASCOPE. (1986). Terrestrial Heat Flow Map of Southeast Asia. *ASEAN Council on Petroleum (ASCOPE), 6*, 21 https://doi.org/10.1594/pangaea.806688.

Ashirov_1984 Ashirov, T.O. (1984). Geotermicheskoe pole turkmenii - moskva: nauka (Geothermal Field of Turkmenia). [Геотермическое поле Туркмении]. Retrieved from https://books.google.de/books/about/Geotermicheskoe_pole_Turkmenii.html?id=z78bzgEACAAJ&redir_esc=y.

Ashirov_1985 Ashirov, T.O. (1985). Teplovom Pole V Predelakh Zapadnogo Borta Yuzhno- Kaspiiskoi Depressii - Izvestiya an Turkm Ssr, Ser Fiziko-Tekh- Nicheskikh, Khimicheskikh I Geologicheskikh Nauk (Thermal Field In the Limiting Board of the South Caspian Depression). In *News of the Turkmenian SSR Academy of Sciences. Series of Physicotechnical, Chemical, and Geological Sciences (Izvestiya Akademii Nauk Turkmenskoi SSR. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk)* (Vol. 2, pp. 70-74).

Atroshchenko_1975 Atroshchenko, P.P. (1975). Geotermicheskie Usloviya Severnoi Chasti Pri- Pyatskoi Vpadiny (Geothermal conditions of the northern part of the Pripyat Depression). [Геотермические условия Северной части Припятской впадины]. *Nauka i tekhnika (Science and Technology)*, 104.

Avetisyyants_1974b Avetisyyants, A.A. (1974). Teplovoe pole geosinklinalnogo obramleniya vostochno-evropeiskoi platformy. armeniya, i sopredelnye territorii (Thermal Field of Geosynclinal Framing East European Platform Armenia and Adjacent Territories). [Тепловое Поле Геосинклинального Обрамления Восточно-европейской платформы Армения и Сопредельные территории (рус)]. *Terrestrial heat flow within the European part of the USSR (Glubinnyi teplovoi potok v Evropeiskoi chasti SSSR)*, 90-95.

Avetisyyants_1974a Avetisyyants, A.A. (1974). Teplovoi Potok V Armenii (Heat flow in Armenia). [Тепловой поток в Армении]. *Geothermal Reports on Geothermal Research In the USSR 1971-1972 (Geothermiy. Otchety Po Geotermicheskim Issledovaniyam V SSSR 1971-1972), 44228*, 44-47.

Balabashin_Koptev_1987 Balabashin, V.I., & Koptev, A.A. (1987). Itogi 6-go rejsa NJeS "Akademik Lavrent'ev" v 1987 g (lichnoe soobshhenie) (Results of the 6th cruise of R/V "Academic Lavrentiev" in 1987 (personal communication)). [Итоги 6-го рейса НЭС "Академик Лаврентьев" в 1987 г (личное сообщение)]. *CD Rom: Geothermal Gradient and Heat Flow Data in and around Japan* https://doi.org/10.1594/pangaea.810038.

Balabashin_Koptev_2004 Balabashin, V.I., & Koptev, A.A. (2004). *Results of the 6th cruise of R/V "Academic Lavrentiev" in 1987*. Retrieved from

Balkan-Pazvantoglu_Erkan_2019 Balkan-Pazvantoğlu, E., & Erkan, K. (2019). Temperature-depth curves and heat flow in central part of Anatolia, Turkey. *Tectonophysics, 757*, 24-34 https://doi.org/10.1016/j.tecto.2019.02.019.

Ballard_Pollack_1987 Ballard, S., & Pollack, H.N. (1987). Diversion of heat by Archean cratons: a model for southern Africa. *Earth and Planetary Science Letters, 85*(1-3), 253-264 https://doi.org/10.1016/0012-821x(87)90036-7.

Ballard_etal._1987 Ballard, S., Pollack, H.N., & Skinner, N.J. (1987). Terrestrial heat flow in Botswana and Namibia. *Journal of Geophysical Research, 92*(B7), 6291-6300 https://doi.org/10.1029/JB092iB07p06291.

Balling_1979 Balling, N. (1979). Subsurface temperatures and heat flow estimates in Denmark. In (pp. 161-171): Springer.

Balling_1991 Balling, N. (1991). Catalogue of Heat Flow Density Data: Denmark. In.

Balling_etal._2006 Balling, N., Breiner, N., & Waagstein, R. (2006). Thermal structure of the deep Lopra-1/1A borehole in the Faroe Islands. *Geological Survey of Denmark and Greenland (GEUS) Bulletin, 9*, 91-107 https://doi.org/10.1594/pangaea.802270.

Balling_etal._1984 Balling, N., Kristiansen, J.I., & Saxov, S. (1984). Geothermal measurements from the Vestmanna-1 and Lopra-1 boreholes. *Iceland Deep Drilling Project, 9*, 137-147.

Balobaev_1978 Balobaev, V.T. (1978, 1978). *Rekonstrukcija paleoklimata po sovremennym geotermicheskim dannym (Reconstruction of paleoclimate from modern geothermal data)*.

Balobaev_1983 Balobaev, V.T. (1983). Teplovoy potok i temperatura nedr osnovnykh geostructur kriolitozony SSSR (Heat flow and subsoil temperature of the main geostructures of the permafrost zone of the USSR. In A.V. Pavlov (Ed.), *Teplofizicheskie issledovaniya*

kriolitozony Sibiri (pp. 74–88). Novosibirsk: Nauka.

Balobaev_Devyatkin_1982a Balobaev, V.T., & Deviatkin, V.N. (1982). *Merzlotno-geotermicheskie uslovija Zapad-noj Jakutii v svjazi s ee neftegazonosnost'ju (Permafrost-geothermal conditions of Western Yakutia in connection with its oil and gas content)*. Retrieved from

Balobaev_Devyatkin_1982b Balobaev, V.T., & Deviatkin, V.N. (1982). *Thermal regime and terrestrial heat flow in permafrost areas of the USSR*. Stuttgart: Schweizerbartische Verlagsbuch-Handlung.

Balobaev_Levchenko_1978 Balobaev, V.T., & Levchenko, A.I. (1978). Geotermicheskie osobennosti i merzlaja zona hr Suntar-Hajata (na primere Nezhdaninskogo mestorozhdenija) (Geothermal features and the frozen zone of the Suntar-Khayata Ridge Suntar-Khayata (by the example of the Nezhdaninskoye field)). In *Geoteplophysical research in Siberia. (Геотеплофизические исследования, В.С.ибири.)* (pp. 129-142).

Banda_etal._1991a Banda, E., Albert-Beltran, J.F., Fernandez, M., & Garcia de la Noceda, C. (Cartogra-pher). (1991). Catalogue of Heat Flow Density Data: Spain. Retrieved from https://doi.pangaea.de/10.1594/pangaea.807564

Barr_etal._1979 Barr, S.M., Ratanasathien, B., Breen, D., Ramingwong, T., & Sertsrivanit, S. (1979). Hot springs and geothermal gradients in northern Thailand. *Geothermics, 8*(44228), 85-95 https://doi.org/10.1016/0375-6505(79)90002-6.

Batir_etal._2016 Batir, J.F., Blackwell, D.D., & Richards, M.C. (2016). Updated Surface Heat Flow Map of Alaska. *GRC Transactions, 37*.

Beamish_Busby_2016 Beamish, D., & Busby, J. (2016). The Cornubian geothermal province: heat produc-tion and flow in SW England: estimates from boreholes and airborne gamma-ray measurements. *Geothermal Energy, 4*(1), 4 https://doi.org/10.1186/s40517-016-0046-8.

Beardsmore_2004 Beardsmore, G.R. (2004). The influence of basement on surface heat flow in the Cooper Basin. *Exploration Geophysics, 35*(4), 223-235 https://doi.org/10.1071/Eg04223.

Beardsmore_2005 Beardsmore, G.R. (2005). High-resolution heat-flow measurements in the Southern Carnarvon Basin, Western Australia. *Exploration Geophysics, 36*(2), 206-215 https://doi.org/10.1071/eg05206.

Beardsmore_Altmann_2002 Beardsmore, G.R., & Altmann, M.J. (2002). A heat flow map of the Dampier sub-ba-sin. In *The Sedimentary Basin of Western Australia 3* (Vol. 3, pp. 641 - 659).

Becher_Meincke_1968 Becher, D., & Meincke, W. (1968). Der Wärmefluß zwischen Harz und Prignitz. *Zeit-schrift für Angewandte Geologie, 14*(6), 291-297. Retrieved from https://doi.pangaea.de/10.1594/pangaea.809496.

Beck_1962 Beck, A.E. (1962). Terrestrial flow of heat near Flin Flon, Manitoba. *Nature, 195*(4839), 368-369 https://doi.org/10.1038/195368a0.

Beck_Judge_1969 Beck, A.E., & Judge, A.S. (1969). Analysis of Heat Flow Data—I Detailed Observations in a Single Borehole. *Geophysical Journal International, 18*(2), 145-158 https://doi.org/10.1111/j.1365-246X.1969.tb03558.x.

Beck_Mustonen_1972 Beck, A.E., & Mustonen, E.D. (1972). Preliminary Heat Flow Data from Ghana. *Nature Physical Science, 235*(61), 172-174 https://doi.org/10.1038/physci235172a0.

Beck_Neophytou_1969 Beck, A.E., & Neophytou, J.P. (1969). Heat flow and underground water flow in the Coronation mine area. *Symposium on the geology of Coronation Mine, Saskatche-wan, 68*(5), 229-239 https://doi.org/10.1594/pangaea.809504.

Beck_Sass_1966 Beck, A.E., & Sass, J.H. (1966). A preliminary value of heat flow at the Muskox Intru-sion near Coppermine, NWT, Canada. *Earth and Planetary Science Letters, 1*(3), 123-129 https://doi.org/10.1594/pangaea.806510.

Becker_1981 Becker, K. (1981). *Heat flow studies of spreading center hydrothermal processes.* (Ph.D.). Retrieved from https://doi.pangaea.de/10.1594/pangaea.806697 Available from http://heatflow.org/thermoglobe/publications/6928c63e-e0dc-4bac-b198-c006a253a5d4

Becker_Fisher_1991 Becker, K., & Fisher, A.T. (1991). A brief review of heat-flow studies in the Guaymas Basin, Gulf of California. In *The gulf and peninsular province of the Californias* (pp. 709-720).

Becker_etal._1983 Becker, K., Langseth Jr, M.G., & Von Herzen, R.P. (1983). Deep crustal geothermal measurements, Hole 504B, Deep Sea Drilling Project Legs 69 and 70. *Initial Reports of the Deep Sea Drilling Project, 69*, 223-235 https://doi.org/10.2973/dsdp.proc.69.105.1983.

Becker_VonHerzen_1983a Becker, K., & Von Herzen, R.P. (1983). Heat flow on the western flank of the East Pa-cific Rise at 21°N. *Journal of Geophysical Research, 88*(B2), 1057-1066 https://doi.org/10.1029/JB088iB02p01057.

Becker_VonHerzen_1983b Becker, K., & von Herzen, R.P. (1983). Heat transfer through the sediments of the Mounds Hydrothermal Area, Galapagos Spreading Center at 86°W. *Journal of Geo-physical Research, 88*(B2), 995-1008 https://doi.org/10.1029/JB088iB02p00995.

Becker_vonHerzen_1996 Becker, K., & Von Herzen, R.P. (1996). Pre-Drilling Observations of Conductive Heat

Flow at the TAG Active Mound Using Alvin. *Proceedings of the Ocean Drilling Program. Part A, Initial report, 158*, 23-29 https://doi.org/10.2973/odp.proc.ir.158.103.1996.

Ben-Avraham_etal._1978 Ben-Avraham, Z., Haenel, R., & Villinger, H.W. (1978). Heat flow through the Dead Sea rift. *Marine Geology, 28*(3-4), 253-269 https://doi.org/10.1016/0025-3227(78)90021-x.

Ben-Avraham_VonHerzen_1987 Ben-Avraham, Z., & Von Herzen, R.P. (1987). Heat flow and continental breakup: The Gulf of Elat (Aqaba). *Journal of Geophysical Research, 92*(B2) https://doi.org/10.1029/JB092iB02p01407.

Benfield_1939 Benfield, A.E. (1939). Terrestrial heat flow in Great Britain. *Proceedings of the Royal Society of London. Series A. Mathematical and Physical Sciences, 173*(955), 428-450 https://doi.org/10.1098/rspa.1939.0157.

Bentkowski_Lewis_1989 Bentkowski, W.H., & Lewis, T.J. (1989). Thermal measurements in Cordilleran boreholes of opportunity, 1984–1987. *Geological Survey of Canada*, 30.

Bentkowski_Lewis_1994 Bentkowski, W.H., & Lewis, T.J. (1994). Heat flow determinations in the Cordillera, 1988-1992. *2981*.

Berndt_etal._2015 Berndt, C., Hensen, C., Muff, S., Karstens, J., Schmidt, M., Liebetrau, V., Kipfer, R., Lever, M., Böttner, C., Doll, M., Sarkar, S., & Geilert, S. (2015). *RV SONNE 241 Cruise Report / Fahrtbericht, Manzanillo, 23.6.2015 – Guayaquil, 24.7.2015 : SO241 - MAKS: Magmatism induced carbon escape from marine sediments as a climate driver – Guaymas Basin, Gulf of California* (10.3289/CR_S241). Retrieved from https://oceanrep.geomar.de/id/eprint/30382/

Berthier_etal._1984 Berthier, F., Fabriol, R., & Puvillan, P. (1984). *Évaluation des Ressources Géothermiques Basse Énergie en République de Haiti. Recherche d'un Projet Type*. Retrieved from

Birch_1947 Birch, F.S. (1947). Temperature and heat flow in a well near Colorado Springs. *American Journal of Science, 245*(12), 733-753 https://doi.org/10.2475/ajs.245.12.733.

Birch_1950 Birch, F.S. (1950). Flow of heat in the Front Range, Colorado. *Geological Society of America Bulletin, 61*(6), 567-630 https://doi.org/10.1130/0016-7606(1950)61%5b567:Fohitf%5d2.0.Co;2.

Birch_1956 Birch, F.S. (1956). Heat flow at Eniwetok atoll. *Geological Society of America Bulletin, 67*(7), 941-942 https://doi.org/10.1130/0016-7606(1956)67%5b941:HFAEA%5d2.0.CO;2.

Birch_1964 Birch, F.S. (1964). *Some heat flow measurements in the Atlantic Ocean.* University of Wisconsin - Madison, Retrieved from https://doi.pangaea.de/10.1594/pangaea.806698 Available from http://heatflow.org/thermoglobe/publications/903523a3-db0a-4904-953a-e181781284ab

Birch_1965 Birch, F.S. (1965). Heat flow near the New England seamounts. *Journal of Geophysical Research, 70*(20), 5223-5226 https://doi.org/10.1029/JZ070i020p05223.

Birch_1970 Birch, F.S. (1970). The Barracuda Fault Zone in the western North Atlantic: geological and geophysical studies. *Deep Sea Research and Oceanographic Abstracts, 17*(5), 847-859 https://doi.org/10.1016/0011-7471(70)90002-1.

Birch_Halunen_1966 Birch, F.S., & Halunen Jr, A.J. (1966). Heat flow measurements in the Atlantic Ocean, Indian Ocean, Mediterranean Sea, and Red Sea. *Journal of Geophysical Research, 71*(2), 583-586 https://doi.org/10.1029/JZ071i002p00583.

Blackman_etal._1987 Blackman, D.K., Von Herzen, R.P., & Lawver, L.A. (1987). Heat flow and tectonics in the western Ross Sea, Antarctica. *Earth Science Series, 5B*, 179-189 https://doi.org/10.1594/pangaea.802482.

Blackwell_1969 Blackwell, D.D. (1969). Heat-flow determinations in the northwestern United States. *Journal of Geophysical Research, 74*(4), 992-1007 https://doi.org/10.1029/JB074i004p00992.

Blackwell_1974 Blackwell, D.D. (1974). Terrestrial heat flow and its implications on the location of geothermal reservoirs in Washington. *Division of Mines and Geology, 50*, 21-33 https://doi.org/10.1594/pangaea.809508.

Blackwell_1980 Blackwell, D.D. (1980). Heat flow and geothermal gradient measurements in Washington to 1979 and temperature-depth data collected during 1979. *Washington Department of natural resources, 80-9*, 24-29 https://doi.org/10.1594/pangaea.803582.

Blackwell_1989x Blackwell, D.D. (1989). *Data for oregon and idaho*.

Blackwell_1989y Blackwell, D.D. (1989). *Heat fow data for kansas, montana, oregon, texas and utah*.

Blackwell_Baag_1973 Blackwell, D.D., & Baag, C.G. (1973). Heat Flow in a “Blind” Geothermal Area near Marysville, Montana. *Geophysics, 38*(5), 941-956 https://doi.org/10.1190/1.1440384.

Blackwell_Baker_1988 Blackwell, D.D., & Baker, S.L. (1988). Thermal analysis of the Breitenbush geothermal system. *Geothermal Resources Council Transactions, 12*, 221-227 https://doi.org/10.1594/pangaea.803587.

Blackwell_etal._1982 Blackwell, D.D., Bowen, R.G., Hull, D.A., Riccio, J., & Steele, J.L. (1982). Heat flow, arc volcanism, and subduction in northern Oregon. *Journal of Geophysical Research, 87*(B10), 8735-8754 https://doi.org/10.1029/JB087iB10p08735.

Blackwell_etal._1975 Blackwell, D.D., Brott, C.A., Goforth, T.T., Holdaway, M.J., Morgan, P., Petefish, D., Rape, T., Steele, J.L., Spafford, R.E., & Waibel, A.F. (1975). *The Marysville Geothermal Area, Montana*. Retrieved from

Blackwell_etal._1978 Blackwell, D.D., Hull, D.A., Bowen, R.G., & Steele, J.L. (1978). *Heat flow of Oregon*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.806535

Blackwell_etal._1986 Blackwell, D.D., Kelley, S.A., & Edmiston, R.C. (1986). *Analysis and interpretation of thermal data from the Borax Lake geothermal prospect, Oregon*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.803599

Blackwell_Richards_2004 Blackwell, D.D., & Richards, M.C. (Cartographer). (2004). Geothermal Map of North America. Retrieved from https://doi.org/10.1130/dnag-csms-v6.1

Blackwell_Spafford_1987 Blackwell, D.D., & Spafford, R.E. (1987). 14. Experimental Methods in Continental Heat Flow. In *Methods in Experimental Physics* (Vol. 24, pp. 189-226).

Blackwell_Steele_1979 Blackwell, D.D., & Steele, J.L. (1979). *Heat flow of the Mount Hood Volcano, Oregon*. Retrieved from

Blackwell_Steele_1987 Blackwell, D.D., & Steele, J.L. (1987). Geothermal data from deep holes in the Oregon Cascade Range. *Geothermal Resources Council Transactions, 11*, 317-322 https://doi.org/10.1594/pangaea.803596.

Blackwell_etal._1990 Blackwell, D.D., Steele, J.L., Kelley, S.A., & Korosec, M.A. (1990). Heat flow in the state of Washington and the Cascade thermal conditions. *Journal of Geophysical Research, 95*(B12), 19495-19516 https://doi.org/10.1029/JB095iB12p19495.

Bloomer_etal._1979 Bloomer, J.R., Richardson, S.W., & Oxburgh, E.R. (1979). *Heat Flow in Britain: an Assessment of the Values and Their Reliability*, Berlin, Heidelberg.

Boccaletti_etal._1977 Boccaletti, M., Fazzuoli, M., Loddo, M., & Mongelli, F.M. (1977). Heat-flow measurements on the Northern Apennine arc. *Tectonophysics, 41*(1), 101-112 https://doi.org/10.1016/0040-1951(77)90182-2.

Bodell_Chapman_1982 Bodell, J.M., & Chapman, D.S. (1982). Heat flow in the north-central Colorado Plateau. *Journal of Geophysical Research*, 2869-2884 https://doi.org/10.1029/JB087iB04p02869.

Bodmer_1982 Bodmer, P.H. (1982). Beiträge zur Geothermie der Schweiz. *Beiträge zur Geothermie der Schweiz, 7034*, 201 https://doi.org/10.1594/pangaea.803580.

Bodmer_1983 Bodmer, P.H. (1983). *Heat flow density calculations.* ETH Zuerich, Zuerich. Retrieved from https://doi.pangaea.de/10.1594/pangaea.809525 Available from http://heatflow.org/thermoglobe/publications/c5839639-24bf-4d44-8c52-e5ac38da80c6

Bodmer_Rybach_1984 Bodmer, P.H., & Rybach, L. (1984). *Geothermal map of Switzerland (heat flow density)* (Vol. 22) https://doi.org/10.1594/pangaea.803576.

Bogomolov_1970 Bogomolov, Y.G. (1970). Dannye O Teplovom Rezhime Zemnoi Kory Yugo-zapada BSSR (Data on the Thermal Regime of the Earth's Crust in the Southwest of the BSSR). [Данные О Тепловом Режиме Земной Кори Юго-Запада БССР]. *Doklady Akademii Nauk BSSR, 14*(1), 57-60.

Bojadgieva_2008 Bojadgieva, K. (2008). *Spreadsheet supplement to the Geothermal Atlas of Europe*. Retrieved from: https://doi.pangaea.de/10.1594/pangaea.808853

Bojadgieva_etal._1991 Bojadgieva, K., Petrov, P., Gasharov, S., & Velinov, T. (1991). *Catalogue of Heat Flow Density Data: Bulgaria*. Germany: Hermann & Haack Verlagsgesellschaft.

Boldizsar_1956 Boldizsár, T. (1956). Terrestrial heat flow in Hungary. *Geofisica pura e applicata, 34*(1), 66-70 https://doi.org/10.1038/178035a0.

Boldizsar_1959 Boldizsár, T. (1959). Terrestrial heat flow in the Nagylengyel oilfield. *Mining Geotechnics, 20*, 44409.

Boldizsar_1963 Boldizsár, T. (1963). Terrestrial heat flow in the natural steam field at Larderello. *Geofisica pura e applicata* https://doi.org/10.1007/bf01993335.

Boldizsar_1964a Boldizsár, T. (1964). Geothermal measurements in the twin shaft of Hosszuheteny. *Acta Mathematica Hungarica, 47*(44289), 293-308.

Boldizsar_1964b Boldizsár, T. (1964). Terrestrial heat flow in the Carpathians. *Journal of Geophysical Research, 69*(24), 5269-5275 https://doi.org/10.1029/JZ069i024p05269.

Boldizsar_1965 Boldizsár, T. (1965). Heat flow in Oligocene sediments at Szentendre. *Pure and Applied Geophysics, 61*(1), 127-138 https://doi.org/10.1007/bf00875769.

Boldizsar_1966 Boldizsár, T. (1966). Heat flow in the natural gas field of Hajduszoboszló. *Pure and Applied Geophysics, 64*(1), 121-125 https://doi.org/10.1007/bf00875537.

Boldizsar_1967 Boldizsár, T. (1967). Terrestrial heat flow in Hungarian Permian strata. *Pure and Applied Geophysics, 67*(1), 128-132 https://doi.org/10.1007/bf00880570.

Boldizsar_1968 Boldizsár, T. (1968). Geothermal data from the Vienna Basin. *Journal of Geophysical Research, 73*(2), 613-618 https://doi.org/10.1029/JB073i002p00613.

Boldizsar_1975 Boldizsár, T. (1975). Research and development of geothermal energy production in

Hungary. *Geothermics, 4*(44287), 44-56 https://doi.org/10.1016/0375-6505(75)90008-5.

Bonneville_etal._1997 Bonneville, A., Von Herzen, R.P., & Lucazeau, F. (1997). Heat flow over Reunion hot spot track: Additional evidence for thermal rejuvenation of oceanic lithosphere. *Journal of Geophysical Research, 102*(B10), 22731-22747 https://doi.org/10.1029/97jb00952.

Bookman_etal._1972 Bookman, C.A., Malone, I.E., & Langseth Jr, M.G. (1972). *Sea Floor Geothermal Measurements from CONRAD Cruise 13*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.806708

Bossolasco_Palau_1967 Bossolasco, M., & Palau, C. (1967). Il flusso geotermico sotto il Monte Bianco. *Geofisica e Meteorologia, 14*(44352), 135-+ https://doi.org/10.1594/pangaea.809532.

Bott_etal._1972 Bott, M.H.P., Johnson, G.A.L., Mansfield, J., & Wheilden, J. (1972). Terrestrial heat flow in north-east England. *Geophysical Journal International, 27*(3), 277-288 https://doi.org/10.1594/pangaea.802413.

Boulos_1987 Boulos, F.K. (1987). *Geothermal gradients inside water wells of east Oweinat area, south western desert of Egypt.* Paper presented at the Revista Brasileira de Geofisica.

Boulos_1990 Boulos, F.K. (1990). *Some aspects of the geophysical regime of Egypt in relation to heat flow, ground water and microearthquakes*.

Bowen_1973 Bowen, R.G. (1973). Geothermal activity in 1972. *The Ore Bin, 35*(1), 44381 https://doi.org/10.1594/pangaea.807965.

Bowen_etal._1977 Bowen, R.G., Blackwell, D.D., & Hull, D.A. (1977). *Geothermal exploration studies in Oregon*: State of Oregon Department of Geology and Mineral Industries https://doi.org/10.1594/pangaea.803581.

Bowin_etal._1980 Bowin, C., Purdy, G.M., & Johnston, C. (1980). Arc-continent collision in Banda Sea region. *Aapg Bulletin-American Association of Petroleum Geologists, 64*(6), 868-915 https://doi.org/10.1594/pangaea.806471.

Boyce_1981 Boyce, R.E. (1981). Electrical resistivity, sound velocity, thermal conductivity, density-porosity, and temperature, obtained by laboratory techniques and well logs: D site 462 in the Naru Basin of hte Pacific Ocean. *Initial Reports of the Deep Sea Drilling Project, 61*, 743-761 https://doi.org/10.2973/dsdp.Proc.61.133.1981.

Bram_1979a Bram, K. (1979). Heat flow measurements in the Federal Republic of Germany. In V.R.L. Cermak (Ed.), *Terrestrial Heat Flow in Europe* (pp. 191-196). Heidelberg, Berlin: Springer.

Bram_1980 Bram, K. (1980). New heat flow observations on the Reykjanes Ridge. *Journal of geophysics, 47*(1), 86-90 https://doi.org/10.1594/pangaea.809539.

Brewster_Pollack_1976 Brewster, D., & Pollack, H.N. (1976). Continued heat flow investigations in the Michigan basin deep borehole. *Eos, Transactions American Geophysical Union, 57*, 760 https://doi.org/10.1594/pangaea.809543.

Brigaud_etal._1985 Brigaud, F., Lucazeau, F., Ly, S., & Sauvage, J.F. (1985). Heat flow from the West African Shield. *Geophysical Research Letters, 12*(9), 549-552 https://doi.org/10.1029/GL012i009p00549.

Brock_1989 Brock, A. (1989). Heat flow measurements in Ireland. *Tectonophysics, 164*(44288), 231-236 https://doi.org/10.1016/0040-1951(89)90016-4.

Brock_Barton_1984 Brock, A., & Barton, K.J. (1984). *Equilibrium Temperature and Heat Flow Density Measurements In Ireland*. Retrieved from

Brott_etal._1976 Brott, C.A., Blackwell, D.D., & Mitchell, J.A. (1976). Geothermal investigations in Idaho. Part 8: Heat flow in the Snake River plain region, southern Idaho. *Department of Water Resources Bulletins, 30*, 1697-1707 https://doi.org/10.2172/7300489.

Brott_etal._1978 Brott, C.A., Blackwell, D.D., & Mitchell, J.A. (1978). Tectonic implications of the heat flow of the western Snake River Plain, Idaho. *Geological Society of America Bulletin, 89*(12), 1697-1707 https://doi.org/10.1594/pangaea.802458.

Brott_etal._1981 Brott, C.A., Blackwell, D.D., & Ziagos, J.P. (1981). Thermal and tectonic implications of heat flow in the Eastern Snake River Plain, Idaho. *Journal of Geophysical Research, 86*(B12) https://doi.org/10.1029/JB086iB12p11709.

Brun_Lucazeau_1988 Brun, M.V.L., & Lucazeau, F. (1988). Subsidence, extension and thermal history of the West African margin in Senegal. *Earth and Planetary Science Letters, 90*(2), 204-220 https://doi.org/10.1016/0012-821x(88)90101-x.

Brunnerova_etal._1975 Brunnerova, Z., Skorepa, J., & Simanek, V. (1975). Bituminous Indications in the Roblin RO-1 borehole in the Barrandian, to the SW of Prague. *Věstník Ústředního ústavu geologického (Bulletin of the Central Institute of Geology), 50*, 217-229 https://doi.org/10.1594/pangaea.809544.

Buachidze_etal._1980 Buachidze, I.M., Buachidze, G.I., Goderzishvili, N.A., Mkheidze, B.S., & Shaorshadze, M.P. (1980). Geotermicheskie Usloviya I Termalnye Vody Gruzii (Geothermal Conditions and Thermal Waters of Georgia). [Геотермические Условия и Термальные

Воды Грузии]. *Тбилиси,«Сабчота сакартвело*, 1 https://doi.org/10.1594/pangaea.809042.

Bucher_1980 Bucher, G.J. (1980). *Heat flow and radioactivity studies in the Ross Island-dry valley area, Antarctica and their tectonic implications.* (Ph.D.). Retrieved from https://doi.pangaea.de/10.1594/pangaea.806603 Available from http://heat-flow.org/thermoglobe/publications/deed5f16-375f-45dd-bd1b-b48f88919589

Buecker_etal._2001 Buecker, C.J., Jarrard, R.D., & Wonk, T. (2001). Downhole temperature, radiogenic heat production, and heat flow from the CRP-3 drillhole, Victoria Land Basin, Antarctica. *Terra Antarctica, 8*(3), 151-160.

Bugge_etal._2002 Bugge, T., Elvebakk, G., Fanavoll, S., Mangerud, G., Smelror, M., Weiss, H.M., Gjelberg, J., Kristensen, S.E., & Nilsen, K. (2002). Shallow stratigraphic drilling applied in hydrocarbon exploration of the Nordkapp Basin, Barents Sea. *Marine and Petroleum Geology, 19*(1), 13-37 https://doi.org/10.1016/s0264-8172(01)00051-4.

Bulashevich_1983 Bulashevich, Y.P. (1983). Informativnost' geotermii pri izuchenii zemnoj kory Ural'skoj evgeosinklinali (Informative value of geothermy in the study of the earth's crust of the Ural eugeosyncline). In *Izv. Academy of Sciences of the USSR. Physics of the Earth* (pp. 76-83). Ussr.

Bullard_1939 Bullard, E.C. (1939). Heat flow in South Africa. *Proceedings of the Royal Society of London. Series A. Mathematical and Physical Sciences, 173*(955), 474-502 https://doi.org/10.1098/rspa.1939.0159.

Bullard_Day_1961 Bullard, E.C., & Day, A. (1961). The flow of heat through the floor of the Atlantic Ocean. *Geophysical Journal International, 4*(S1), 282-292 https://doi.org/10.1111/j.1365-246X.1961.tb06820.x.

Bullard_etal._1956 Bullard, E.C., Maxwell, A.E., & Revelle, R. (1956). Heat flow through the deep sea floor. *Advances in Geophysics, 3*, 153-181 https://doi.org/10.1016/s0065-2687(08)60389-1.

Bullard_Niblett_1951 Bullard, E.C., & Niblett, E.R. (1951). Terrestrial heat flow in England. *Geophysical Journal International, 6*, 222-238 https://doi.org/10.1111/j.1365-246X.1951.tb03007.x.

Burch_Langseth_1981 Burch, T.K., & Langseth Jr, M.G. (1981). Heat-flow determination in three DSDP boreholes near the Japan Trench. *Journal of Geophysical Research, 86*(B10), 9411-9419 https://doi.org/10.1029/JB086iB10p09411.

Panxi_1989 Bureau, P.g.b.o.t.S.G. (1989). Heat flow measurement for sichuan-hunan section of the south china deep geophysical profile.

Burgassi_etal._1970 Burgassi, P.D., Ceron, P., Ferrara, G.C., Sestini, G., & Toro, B. (1970). Geothermal gradient and heat flow in the Radicofani region (east of Monte Amiata, Italy). *Geothermics, 2*, 443-449 https://doi.org/10.1016/0375-6505(70)90042-8.

Burkhardt_etal._1989b Burkhardt, H., Erbas, K., Giese, P., Haack, U., Hornamand, H., Huenges, E., Stiefel, A., Wilhelm, H., Zoth, G., Buntebarth, G., & Schulz, R. (1989). *Das vorhergesagte und das gemessene Temperaturprofil*. Retrieved from Hannover:

Burkhardt_etal._1989a Burkhardt, H., Haack, U., Hahn, A., Honarmand, H., Jaeger, K., Stiefel, A., Waegerle, P., & Wilhelm, H. (1989). Geothermal investigations at the KTB locations Oberpfalz and Schwarzwald. In R. Emmermann & J. Wohlenberg (Eds.), *The German Continental Deep Drilling Program (KTB)* (pp. 433-480).

Burns_1964 Burns, R.E. (1964). Sea bottom heat-flow measurements in the Andaman Sea. *Journal of Geophysical Research, 69*(22), 4918-4919 https://doi.org/10.1029/JZ069i022p04918.

Burns_1970 Burns, R.E. (1970). Heat flow operations at holes 35.0 and 35.1. *Initial Reports of the Deep Sea Drilling Project, 5*, 551-554 https://doi.org/10.1594/pangaea.803744.

Burns_Grim_1967 Burns, R.E., & Grim, P.J. (1967). Heat flow in the Pacific Ocean off central California. *Journal of Geophysical Research, 72*(24), 6239-6247 https://doi.org/10.1594/pangaea.802427.

Burrus_Foucher_1986 Burrus, J., & Foucher, J.P. (1986). Contribution to the thermal regime of the Provençal Basin based on Flumed heat flow surveys and previous investigations. *Tectonophysics, 128*(44289), 303-334 https://doi.org/10.1016/0040-1951(86)90299-4.

Buryanov_1985 Buryanov, V.B. (1985). *Geofizicheskaja model' tektonosfery Ukrainy (Geophysical model of the tectonosphere of Ukraine)*.

Cabal_Fernandez_1995 Cabal, J., & Fernandez, M. (1995). Heat-Flow and Regional Uplift at the North-Eastern Border of the Ebro Basin, Ne Spain. *Geophysical Journal International, 121*(2), 393-403 https://doi.org/10.1111/j.1365-246X.1995.tb05720.x.

Camelo_1987 Camelo, S.M.L. (1987). Analysis of bottom—hole temperature and preliminary estimation of heat flow in Portuguese sedimentary basins. *Revista Brasileira de Geofisica, 5*, 139-142.

Camerlenghi_etal._1995 Camerlenghi, A., Cita, M.B., Della Vedova, B., Fusi, N., Mirabile, L., & Pellis, G. (1995). Geophysical Evidence of Mud Diapirism on the Mediterranean Ridge Accretionary

Complex. *Marine Geophysical Research, 17*(2), 115-141 https://doi.org/10.1007/Bf01203423.

Cande_etal._1987 Cande, S.C., Leslie, R.B., Parra, J.C., & Hobart, M.A. (1987). Interaction between the Chile Ridge and Chile Trench: geophysical and geothermal evidence. *Journal of Geophysical Research, 92*(B1), 495-520 https://doi.org/10.1029/JB092iB01p00495.

Cardoso_Hamza_2014 Cardoso, R.A., & Hamza, V.M. (2014). Heat Flow in the Campos Sedimentary Basin and Thermal History of the Continental Margin of Southeast Brazil. *International Scholarly Research Network Geophysics, 2014*, 43466 https://doi.org/10.1155/2014/384752.

Carrier_1979 Carrier, D.L. (1979). *Gravity and heat flow studies at Twin Peaks, an area of late Tertiary silicic volcanism in Millard County, Utah.* (M S thesis). Retrieved from https://doi.pangaea.de/10.1594/pangaea.809546 Available from http://heat-flow.org/thermoglobe/publications/efb35527-1c22-4e28-bbe8-bb1718d74215

Carte_1954 Carte, A.E. (1954). Heat flow in the Transvaal and Orange Free State. *Proceedings of the Physical Society, 67*(9), 664 https://doi.org/10.1088/0370-1301/67/9/302.

Carte_VanRooyen_1969 Carte, A.E., & Van Rooyen, A.I.M. (1969). Further measurements of heat flow in South Africa. *Geological Society of South Africa, 2*, 445-448 https://doi.org/10.1594/pangaea.807966.

Carter_etal._1998 Carter, L.S., Kelley, S.A., Blackwell, D.D., & Naeser, N.D. (1998). Heat flow and thermal history of the Anadarko Basin, Oklahoma. *Aapg Bulletin-American Association of Petroleum Geologists, 82*(2), 291-316. Retrieved from <Go to ISI>://WOS:000072230400006.

Carvalho_etal._1980 Carvalho, H.D.S., Purwoko, S., Thamrin, M., & Vacquier, V. (1980). Terrestrial heat flow in the Tertiary basin of Central Sumatra. *Tectonophysics, 69*(1), 163-188 https://doi.org/10.1016/0040-1951(80)90132-8.

Carvalho_Vacquier_1977 Carvalho, H.D.S., & Vacquier, V. (1977). Method for determining terrestrial heat flow in oil fields. *Geophysics, 42*(3), 584-593 https://doi.org/10.1190/1.1440729.

Cermak_1967b Cermak, V. (1967). Heat flow in the Kladno-Rakovnik coal basin. *Gerlands Beitrage zur Geophysik, 76*, 461-466 https://doi.org/10.1594/pangaea.809548.

Cermak_1967a Cermak, V. (1967). Heat Flow near Teplice in North Bohemia. *Geophysical Journal International, 13*(5), 547-549 https://doi.org/10.1111/j.1365-246X.1967.tb02306.x.

Cermak_1968a Cermak, V. (1968). Heat flow in the upper Silesian coal basin. *Pure and Applied Geophysics, 69*(1), 119-130 https://doi.org/10.1007/bf00874910.

Cermak_1968c Cermak, V. (1968). Heat flow in the Zacler–Svatonovice basin. *Acta Geophysica Polonica, 16*, 3-9.

Cermak_1968d Cermak, V. (1968). *Terrestrial heat flow in Czechoslovakia and its relation to some geological features.* Paper presented at the International Geological Congress. Report of the 23. Session Czechoslovakia 1968.

Cermak_1968e Cermak, V. (1968). Terrestrial heat flow in eastern Slovakia. *Geofysikalnl sbornik (Geophysical Collection), 15*(275), 305-319.

Cermak_1968b Cermak, V. (1968). Terrestrial heat flow in the Alpine-Carpathian foredeep in South Moravia. *Journal of Geophysical Research, 73*(2), 820-821 https://doi.org/10.1029/JB073i002p00820.

Cermak_1975b Cermak, V. (1975). Combined heat flow and heat generation measurements in the Bohemian Massif. *Geothermics, 4*(44287), 19-26 https://doi.org/10.1016/0375-6505(75)90005-x.

Cermak_1975a Cermak, V. (1975). Terrestrial heat flow in the neogene foredeep and the flysch zone of the Czechoslovak Carpathians. *Geothermics, 4*(44287), 41487 https://doi.org/10.1016/0375-6505(75)90003-6.

Cermak_1976a Cermak, V. (1976). *Paleoclimatic effect on the underground temperature and some problems of correcting heat flow*.

Cermak_1976e Cermak, V. (1976). Zemsky tepelny tok ve vrtu Lidecko-1 v magurskem flysi ve vnejsich Karpatech. *Časopis pro mineralogii a geologii, 21*, 193-198 https://doi.org/10.1594/pangaea.809555.

Cermak_1977b Cermak, V. (1977). Geothermal measurements in Palaeogene, Cretaceous and Permocarboniferous sediments in northern Bohemia. *Geophysical Journal International, 48*(3), 537–541 https://doi.org/10.1111/j.1365-246X.1977.tb03690.x.

Cermak_1977a Cermak, V. (1977). Heat flow measured in five holes in eastern and central Slovakia. *Earth and Planetary Science Letters, 34*(1), 67-70 https://doi.org/10.1016/0012-821x(77)90106-6.

Cermak_1979b Cermak, V. (1979). Heat flow in CSR (Tepelny tok v csr). In T. Paces (Ed.), *Mozn osti vyuziti zemskeho tepla suchych hornin v csr* (pp. 12-16). Prague.

Cermak_1979a Cermak, V. (1979). Review of Heat Flow Measurements in Czechoslovakia. In V. Cermak & L. Rybach (Eds.), *Terrestrial Heat Flow in Europe* (pp. 152-160). Berlin, Heidelberg: Springer Berlin Heidelberg.

Cermak_Jessop_1971 Cermak, V., & Jessop, A.M. (1971). Heat flow, heat generation and crustal temperatures in the Kapuskasing area of the Canadian shield. *Tectonophysics, 11*(4), 287-303 https://doi.org/10.1016/0040-1951(71)90035-7.

Cermak_etal._1968b Cermak, V., Jetel, J., & Krcmar, B. (1968). Terrestrial heat flow in the Bohemian Massif and its relation to the deep structure. *Sborník geologických věd, Užitá geofyzika (Proceedings of geological sciences, Applied geophysics), 7*, 25-38.

Cermak_Krcmar_1968a Cermak, V., & Krcmar, B. (1968). Měřeni tepelného toku ve dvou šachtách v západnich a jižnich Čechách (Heat flow measurements in mines of the western and southern Bohemia). *Věstník Ústředního ústavu geologického (Bulletin of the Central Institute of Geology), 43*, 415-422 https://doi.org/10.1594/pangaea.808857.

Cermak_etal._1996 Cermak, V., Kresl, M., Kucerova, L., Safanda, J., Frasheri, A., Kapedani, N., Lico, R., & Cano, D. (1996). Heat flow in Albania. *Geothermics, 25*(1), 91-102 https://doi.org/10.1016/0375-6505(95)00036-4.

Cermak_etal._1991b Cermak, V., Kresl, M., Safanda, J., Bodri, L., Napoles-Pruna, M., & Tenreyroperez, R. (1991). Catalogue of Heat Flow Density Data: Czechoslovakia. In.

Cermak_etal._1991a Cermak, V., Kresl, M., Safanda, J., Bodri, L., Napoles-Pruna, M., & Tenreyroperez, R. (1991). Terrestrial Heat-Flow in Cuba. *Physics of the Earth and Planetary Interiors, 65*(44289), 207-209 https://doi.org/10.1016/0031-9201(91)90128-5.

Cermak_etal._1984 Cermak, V., Kresl, M., Safanda, J., Napoles-Pruna, M., Tenreyroperez, R., Torres-Paz, L.M., & Valdés, J.J. (1984). First heat flow density assessments in Cuba. *Tectonophysics, 103*(44287), 283-296 https://doi.org/10.1594/pangaea.803898.

Cermak_etal._1968 Cermak, V., Kresl, M., & Veselý, I. (1968). Experimental determination of the coefficient of heat transfer during hole boring and the re-establishment of the temperature field equilibrium. *Earth and Planetary Science Letters, 5*, 153-158 https://doi.org/10.1016/s0012-821x(68)80032-9.

Cermak_Safanda_1982b Cermak, V., & Safanda, J. (Cartographer). (1982). Map of heat flow in the territory of Czechoslovakia (Mapa tepelneho toku na uzemi Ceskoslovenska) [Activity Report]. Retrieved from https://doi.pangaea.de/10.1594/pangaea.809578

Chadwick_1956 Chadwick, P. (1956). Heat-Flow from the Earth at Cambridge. *Nature, 178*(4524), 105-106 https://doi.org/10.1038/178105a0.

Chapman_etal._1978 Chapman, D.S., Blackwell, D.D., Parry, W.T., Sill, W.R., Ward, S.H., & Whelan, J.A. (1978). *Regional heat flow and geochemical studies in southwest Utah*. Retrieved from

Chapman_etal._1981 Chapman, D.S., Clement, M.D., & Mase, C.W. (1981). Thermal regime of the Escalante Desert, Utah, with an analysis of the Newcastle geothermal system. *Journal of Geophysical Research, 86*(B12), 11735-11746 https://doi.org/10.1029/JB086iB12p11735.

Chapman_Pollack_1974 Chapman, D.S., & Pollack, H.N. (1974). Cold spot in west Africa—Anchoring the African Plate. *Nature, 250*(5466), 477-478 https://doi.org/10.1038/250477a0.

Chapman_Pollack_1977 Chapman, D.S., & Pollack, H.N. (1977). Heat flow and heat production in Zambia: Evidence for lithospheric thinning in central Africa. *Tectonophysics, 41*(44256), 79-100 https://doi.org/10.1016/0040-1951(77)90181-0.

Chen_1988 Chen, M.-X. (1988). Geothermics in North China. *Sciences Press*.

Chen_etal._1984 Chen, M.-X., Huang, G.-S., Jiyang, W., Deng, X., & Wang, J.-Y. (1984). A Preliminary Research on the Geothermal Characteristics in the Bohai Sea. *Scientia Geologica Sinica (Chinese Journal of Geology), 19*(4), 392-401.

Chen_etal._1982 Chen, M.-X., Huang, G.-S., Zhang, W.-R., Zheng, R., & Liu, B. (1982). The temperature distribution pattern and the utilization of geothermal water at Niutuozhen basement protrusion of central Hebei Province. *Scientia Geologica Sinica (Chinese Journal of Geology)*(3), 239-252 https://doi.org/10.1007/bf01033890.

Chen_Xia_1991 Chen, M.-X., & Xia, S. (1991). Geothermal study in the Leizhou panisulase China (in Chinese). *Scientia Geologica Sinica (Chinese Journal of Geology), 4*, 369-383.

Cheremenskii_1979 Cheremenskii, G.A. (1979). Vliyanie Treshchinovatosti V Fundamente Na Plotnost Teplovogo Potoka Na Yugo-vostochnoi Okraine Baltiiskogo Shchita (Influence of Fracturing in the Foundation on Heat Flux Density on the South-Eastern Edge of the Baltic Shield). [Влияние трещиноватости фундамента на плотность теплового потока на юго-восточной окраине Балтийского щита]. *Sovetskaya Geologiya (Soviet geology), 9*, 90-95.

Choi_etal._1990 Choi, D.R., Liu, Y.S.B., & Cull, J.P. (1990). Heat-Flow and Sediment Thickness in the Queensland Trough, Western Coral Sea. *Journal of Geophysical Research, 95*(B13), 21399-21411 https://doi.org/10.1029/JB095iB13p21399.

Chosajo_1997 Chōsajo, C. (Cartographer). (1997). Heat Flow Map of East and Southeast Asia. Retrieved from http://library.mit.edu/item/000934698

Chukwueke_1987 Chukwueke, C. (1987). *Mesure du flux de chaleur à Ririwai, delta du Niger (Nigéria).* (Ph.D.). Available from http://heatflow.org/thermoglobe/publications/cf43b617-

8be0-45d3-afc3-bd86d9cf542c

Chukwueke_1990 Chukwueke, C. (1990). Notes on heat flow at Ririwai, Nigeria. *Journal of African Earth Sciences, 10*(3), 503-507 https://doi.org/10.1016/0899-5362(90)90102-k.

Chukwueke_etal._1992 Chukwueke, C., Thomas, G.P., & Delfaud, J. (1992). Sedimentary processes, eustatism, subsidence and heat flow in the distal part of the Niger Delta. *Bulletin des centres de recherches exploration-production Elf Aquitaine, 16*(1), 137-186 https://doi.org/10.1594/pangaea.809580.

Chung_etal._1969 Chung, Y., Bell, M.L., J.G., S., & Corry, C.E. (1969). *Temperature data from the Pacific abyssal water* [Florian Neumann]. Retrieved from: https://doi.pangaea.de/10.1594/pangaea.806636

Clark_1957 Clark Jr, S.P. (1957). Heat flow at Grass Valley, California. *Eos, Transactions American Geophysical Union, 38*(2), 239-244 https://doi.org/10.1029/TR038i002p00239.

Clark_1961 Clark Jr, S.P. (1961). Heat flow in the Austrian Alps. *Geophysical Journal International, 6*(1), 54-63 https://doi.org/10.1111/j.1365-246X.1961.tb02961.x.

Clark_etal._1978 Clark, T.F., Korgen, B.J., & Best, D.M. (1978). Heat flow in the eastern Caribbean. *Journal of Geophysical Research* https://doi.org/10.1029/JB083iB12p05883.

Clement_1980 Clement, M.D. (1980). *Heat flow and geothermal assessment of the Escalante Desert : part of the Oligocene to Miocene volcanic belt in southwestern Utah.* (MSc Thesis). Retrieved from https://doi.pangaea.de/10.1594/pangaea.809582 Available from http://heatflow.org/thermoglobe/publications/a15d8e29-b09b-4675-8361-d8ff1ffe29d7

Cochran_1981 Cochran, J.R. (1981). Simple models of diffuse extension and the pre-seafloor spreading development of the continental margin of the north-eastern Gulf of Aden. *Oceanologica Acta* https://doi.org/10.7916/d8-8bhx-8a26.

Coleno_1986 Coleno, B. (1986). *Thermal logs and temperature distribution in the Paris basin Diagraphies thermiques et distribution du champ de température dans le bassin de Paris.* (Ph.D.). Available from http://heatflow.org/thermoglobe/publications/e9094888-6723-4d5d-90c2-c2c88caeff41

Colgan_Wansing_2021 Colgan, W., & Wansing, A. (2021). *Greenland Geothermal Heat Flow Database and Map* [Liam Colgan]. Retrieved from: https://doi.org/10.22008/FK2/F9P03L

Collette_etal._1968 Collette, R.J., Lagaay, R.A., Van Lenner, A.P., Schouten, J.A., & Schiling, R.D. (1968). *Some heat-flow measurements in the North Atlantic Ocean.* Paper presented at the Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen.

Combs_1971 Combs, I. (1971). Heat flow and geothermal resource estimates for the Imperial Valley in Rex RW, principal investigator, Cooperative geological-geophysical-geochemical investigation oJ geothermal resources in the Imperial Valley oJ CaliJornia. *Institute of Geophysics and Planetary Physics, 5* https://doi.org/10.1594/pangaea.807968.

Combs_1980 Combs, J. (1980). Heat flow in the Coso Geothermal Area, Inyo County, California. *Journal of Geophysical Research, 85*(B5), 2411-2424 https://doi.org/10.1029/JB085iB05p02411.

Combs_Simmons_1973 Combs, J., & Simmons, G. (1973). Terrestrial heat flow determinations in the north central United States. *Journal of Geophysical Research, 78*(2), 441-461 https://doi.org/10.1029/JB078i002p00441.

Combs_1970 Combs, J.B. (1970). *Terrestrial heat flow in North Central United States.* (Ph.D.). Massachusetts Institute of Technology, Available from http://heatflow.org/thermoglobe/publications/e1095e09-b54b-4c24-90ef-5c8b44cad1d7

Correia_Jones_1996 Correia, A., & Jones, F.W. (1996). On the importance of measuring thermal conductivities for heat flow density estimates: an example from the Jeanne d'Arc Basin, offshore eastern Canada. *Tectonophysics, 257*(1), 71-80 https://doi.org/10.1016/0040-1951(95)00121-2.

Corry_etal._1990 Corry, C.E., Herrin, E., McDowell, F.W., & Phillips, K.A. (1990). Geology of the Solitario, Trans-Pecos, Texas. *Geological Society of America Bulletin, 250* https://doi.org/10.1594/pangaea.807979.

Corry_Brown_1998 Corry, D., & Brown, C. (1998). Temperature and heat flow in the Celtic Sea basins. *Petroleum Geoscience, 4*(4), 317-326 https://doi.org/10.1144/petgeo.4.4.317.

Costain_Decker_1987 Costain, J.K., & Decker, E.R. (1987). Heat flow at the proposed Appalachian ultradeep core hole (ADCOH) site: Tectonic implications. *Geophysical Research Letters, 14*(3), 252-255 https://doi.org/10.1029/GL014i003p00252.

Costain_etal._1986 Costain, J.K., Speer, J.A., Glover, L., Perry, L.D., Dashevsky, S., & McKinney, M. (1986). Heat flow in the Piedmont and Atlantic Coastal Plain of the southeastern United States. *Journal of Geophysical Research, 91*(B2), 2123-2135 https://doi.org/10.1029/JB091iB02p02123.

Costain_Wright_1973 Costain, J.K., & Wright, P.M. (1973). Heat flow at Spor Mountain, Jordan Valley, Bingham, and La Sal, Utah. *Journal of Geophysical Research, 78*(35), 8687-8698

https://doi.org/10.1029/JB078i035p08687.

Coster_1947 Coster, H.P. (1947). Terrestrial heat flow in Persia. *Geophysical Supplements to the Monthly Notices of the Royal Astronomical Society, 5*(5), 131-145 https://doi.org/10.1111/j.1365-246X.1947.tb00349.x.

Courtney_Recq_1986 Courtney, R.C., & Recq, M. (1986). Anomalous heat flow near the Crozet Plateau and mantle convection. *Earth and Planetary Science Letters, 79*(44289), 373-384 https://doi.org/10.1016/0012-821x(86)90193-7.

Courtney_White_1986 Courtney, R.C., & White, R.S. (1986). Anomalous heat flow and geoid across the Cape Verde Rise: evidence for dynamic support from a thermal plume in the mantle. *Geophysical Journal International, 87*(3), 815-867 https://doi.org/10.1594/pangaea.803796.

Crane_etal._1982 Crane, K., Eldholm, O., Myhre, A.M., Sundvor, & Eirik. (1982). Thermal implications for the evolution of the spitsbergen transform fault. *Tectonophysics, 89*(1), 11689 https://doi.org/10.1016/0040-1951(82)90032-4.

Crane_etal._1991 Crane, K., Sundvor, E., Buck, R., & Martinez, F. (1991). Rifting in the Northern Norwegian-Greenland Sea - Thermal Tests of Asymmetric Spreading. *Journal of Geophysical Research, 96*(B9), 14529-14550 https://doi.org/10.1029/91jb01231.

Crane_etal._1988 Crane, K., Sundvor, E., Foucher, J.P., Hobart, M.A., Myhre, A.M., & LeDouaran, S. (1988). Thermal evolution of the western Svalbard margin. *Marine Geophysical Research, 9*(2), 165-194 https://doi.org/10.1007/bf00369247.

Cranganu_etal._1998 Cranganu, C., Lee, Y.-M., & Denning, D. (1998). Heat flow in Oklahoma and the south central United States. *Journal of Geophysical Research, 103*(B11), 27107-27121 https://doi.org/10.1029/98jb02525.

Creutzburg_1964 Creutzburg, H. (1964). Untersuchungen über den Wärmestrom der Erde in Westdeutschland. *Kali Steinsalz, 3*, 73-108 https://doi.org/10.1594/pangaea.806670.

Crowe_1981 Crowe, J. (1981). *Mechanisms of heat transport through the floor of the equatorial Pacific Ocean.* (Ph.D.). Retrieved from https://doi.org/10.1575/1912/3214 Available from http://heatflow.org/thermoglobe/publications/c9275c91-9b6f-4510-9509-06d0f9d2289c

Cui_2004 Cui, J.-P. (2004). *Study on the Thermal Evolution and Reservoir History in Hailar Basin.* (Master). Available from http://heatflow.org/thermoglobe/publications/fa60b6bd-987a-46d2-bf6f-870dc5ba9c85

Cull_1980 Cull, J.P. (1980). Geothermal records of climatic change in New South Wales. *Search, 11*(6), 201-203 https://doi.org/10.1594/pangaea.809586.

Cull_1982 Cull, J.P. (1982). An appraisal of Australian heat-flow data. *Bureau of Mineral Resources Journal of Australian Geology and Geophysics, 7*, 44501 https://doi.org/10.1594/pangaea.809587.

Cull_1991 Cull, J.P. (1991). Terrestrial Heat Flow and Lithospheric Structure. In *Terrestrial Heat Flow and the Lithosphere Structure* (pp. 507). Berlin, Heidelberg: Springer.

Cull_Denham_1979 Cull, J.P., & Denham, D. (1979). Regional variations in Australian heat flow. *Bureau of Mineral Resources Journal of Australian Geology and Geophysics, 4*(1), 1-13 https://doi.org/10.1594/pangaea.807985.

Curray_etal._1978a Curray, J.R., Moore, D.G., Aguayo, J.E., Aubry, M.-P., Einsele, G., Fornari, D.J., Gieskes, J., Guerrero-Garcia, J., Kastner, M., Kelts, K., Lyle, M., Matoba, Y., Molina-Cruz, A., Niemitz, J., Rueda-Gaxiola, J., & Saunders, A.D. (1982). Baja California passive margin transect; Sites 474, 475, and 476. *Initial Reports of the Deep Sea Drilling Project covering Leg 64 of the cruises of the drilling vessel Glomar Challenger, Mazatlán, Mexico, to Long Beach, California, December, 1978-January, 1979; Part 1, 64*(1), 35. Retrieved from http://hdl.handle.net/10.2973/dsdp.proc.64.103.1982.

Curray_etal._1978c Curray, J.R., Moore, D.G., Aguayo, J.E., Aubry, M.-P., Einsele, G., Fornari, D.J., Gieskes, J., Guerrero-Garcia, J., Kastner, M., Kelts, K., Lyle, M., Matoba, Y., Molina-Cruz, A., Niemitz, J., Rueda-Gaxiola, J., & Saunders, A.D. (1982). Guaymas Basin slope; Sites 479 and 480. *Initial Reports of the Deep Sea Drilling Project covering Leg 64 of the cruises of the drilling vessel Glomar Challenger, Mazatlán, Mexico, to Long Beach, California, December, 1978-January, 1979; Part 1, 64*(1), 417. Retrieved from http://hdl.handle.net/10.2973/dsdp.proc.64.105.1982.

Curray_etal._1978b Curray, J.R., Moore, D.G., Aguayo, J.E., Aubry, M.-P., Einsele, G., Fornari, D.J., Gieskes, J., Guerrero-Garcia, J., Kastner, M., Kelts, K., Lyle, M., Matoba, Y., Molina-Cruz, A., Niemitz, J., Rueda-Gaxiola, J., & Saunders, A.D. (1982). Guaymas Basin; Sites 477, 478, and 481. *Initial Reports of the Deep Sea Drilling Project covering Leg 64 of the cruises of the drilling vessel Glomar Challenger, Mazatlán, Mexico, to Long Beach, California, December, 1978-January, 1979; Part 1, 64*(1), 211. Retrieved from http://hdl.handle.net/10.2973/dsdp.proc.64.104.1982.

Dahl-Jensen_etal._1998 Dahl-Jensen, D., Mosegaard, K., Gundestrup, N., Clow, G.D., Johnsen, S.J., Hansen, A.W., & Balling, N. (1998). Past temperatures directly from the greenland ice sheet.

Science, 282(5387), 268-271 https://doi.org/10.1126/science.282.5387.268.

Daignieres_Vasseur_1979 Daignières, M., & Vasseur, G. (1979). Détermination et interprétation du Flux Géotermique à Bournac, Haute Loire. [Determination and interpretation of the geothermal flux at Bournac/ Haute-Loire]. *Annals of Geophysics, 35*, 31-39 https://doi.org/10.1594/pangaea.807986.

Dao_Huyen_1995 Dao, D.V., & Huyen, T. (1995). Heat flow in the oil basins of Vietnam. *CCOP Technical Bulletin, 25*, 55-61 https://doi.org/10.1594/pangaea.806750.

Davis_Becker_1994 Davis, E.E., & Becker, K. (1994). Thermal and Tectonic Structure of Escanaba Trough: New Heat-Flow Measurements and Seismic-Reflection Profiles. *US Geological Survey Bulletin, 2022*, 45-64 https://doi.org/10.1594/pangaea.806763.

Davis_etal._2004 Davis, E.E., Becker, K., & He, J.H. (2004). Costa Rica Rift revisited: Constraints on shallow and deep hydrothermal circulation in young oceanic crust. *Earth and Planetary Science Letters, 222*(44289), 863-879 https://doi.org/10.1016/j.epsl.2004.03.032.

Davis_etal._1997a Davis, E.E., Chapman, D.S., Villinger, H.W., Robinson, S.W., Grigel, J., Rosenberger, A., & Pribnow, D.F.C. (1997). Seafloor heat flow on the Eastern Flank of the Juan de Fuca ridge: Data from 'FlankFlux' studies through 1995. *Proceedings of the Ocean Drilling Program*, 23-33.

Davis_etal._1990 Davis, E.E., Hyndman, R.D., & Villinger, H.W. (1990). Rates of fluid expulsion across the Northern Cascadia Accretionary Prism: Constraints from new heat row and multichannel seismic reflection data. *Journal of Geophysical Research, 95*(B6), 8869-8889 https://doi.org/10.1029/JB095iB06p08869.

Davis_Lewis_1984 Davis, E.E., & Lewis, T.J. (1984). Heat flow in a back-arc environment: Intermontane and Omineca Crystalline belts, southern Canadian Cordillera. *Canadian Journal of Earth Sciences, 21*(6), 715-726 https://doi.org/10.1139/e84-077.

Davis_Lister_1977 Davis, E.E., & Lister, C.R.B. (1977). Heat flow measured over the Juan de Fuca Ridge: Evidence for widespread hydrothermal circulation in a highly heat transportive crust. *Journal of Geophysical Research, 82*(30), 4845-4860 https://doi.org/10.1029/JB082i030p04845.

Davis_etal._1984 Davis, E.E., Lister, C.R.B., & Sclater, J.G. (1984). Towards determining the thermal state of old ocean lithosphere: heat-flow measurements from the Blake—Bahama outer ridge, north-western Atlantic. *Geophysical Journal International, 78*(2), 507-545 https://doi.org/10.1111/j.1365-246X.1984.tb01962.x.

Davis_etal._1980 Davis, E.E., Lister, C.R.B., Wade, U.S., & Hyndman, R.D. (1980). Detailed heat flow measurements over the Juan de Fuca Ridge System. *Journal of Geophysical Research, 85*(B1), 299-310 https://doi.org/10.1029/JB085iB01p00299.

Davis_Riddihough_1982 Davis, E.E., & Riddihough, R.P. (1982). The Winona Basin: structure and tectonics. *Canadian Journal of Earth Sciences, 19*(4), 767-788 https://doi.org/10.1139/e82-065.

Davis_Villinger_1992 Davis, E.E., & Villinger, H.W. (1992, 1992). *Tectonic and thermal structure of the Middle Valley sedimented rift, northern Juan de Fuca Ridge.* Paper presented at the Proceedings of the Ocean Drilling Program, Initial Reports.

Davis_etal._2003 Davis, E.E., Wang, K.L., Becker, K., Thomson, R.E., & Yashayaev, I. (2003). Deep-ocean temperature variations and implications for errors in seafloor heat flow determinations. *Journal of Geophysical Research, 108*(B1) https://doi.org/10.1029/2001jb001695.

DeRito_etal._1989 De Rito, R.F., Lachenbruch, A.H., Moses Jr, T.H., & Munroe, R.J. (1989). Heat flow and thermotectonic problems of the central Ventura Basin, southern California. *Journal of Geophysical Research, 94*(B1), 681-699 https://doi.org/10.1029/JB094iB01p00681.

Decker_1969 Decker, E.R. (1969). Heat flow in Colorado and New Mexico. *Journal of Geophysical Research, 74*(2), 550-559 https://doi.org/10.1029/JB074i002p00550.

Decker_1987 Decker, E.R. (1987). Heat flow and basement radioactivity in Maine: First-order results and preliminary interpretations. *Geophysical Research Letters, 14*(3), 256-259 https://doi.org/10.1029/GL014i003p00256.

Decker_etal._1980 Decker, E.R., Baker, K.R., Bucher, G.J., & Heasler, H.P. (1980). Preliminary heat flow and radioactivity studies in Wyoming. *Journal of Geophysical Research, 85*(B1), 311-321 https://doi.org/10.1029/JB085iB01p00311.

Decker_Birch_1974 Decker, E.R., & Birch, F.S. (1974). Basic heat-flow data from Colorado, Minnesota, New Mexico, and Texas. *US Geological Survey Bulletin*, 44201 https://doi.org/10.1594/pangaea.807988.

Decker_Bucher_1979 Decker, E.R., & Bucher, G.J. (1979). *Thermal gradients and heat flow data in Colorado and Wyoming*. Retrieved from New Mexico: https://doi.org/10.2172/5923882

Decker_Buecker_1982 Decker, E.R., & Buecker, C.J. (1982). *Geothermal studies in the ross island-dry valley region*. Retrieved from Madison:

Decker_etal._1988 Decker, E.R., Heasler, H.P., Buelow, K.L., Baker, K.H., & Hallin, J.S. (1988). Significance of past and recent heat-flow and radioactivity studies in the southern Rocky Mountains region. *Geological Society of America Bulletin, 100*(12), 1851-1885

https://doi.org/10.1130/SPE253-p277.

Decker_Smithson_1975 Decker, E.R., & Smithson, S.B. (1975). Heat flow and gravity interpretation across the Rio Grande Rift in southern New Mexico and west Texas. *Journal of Geophysical Research*(17), 2542-2552 https://doi.org/10.1029/JB080i017p02542.

Degens_etal._1971 Degens, E.T., Von Herzen, R.P., & Wong, H.-K. (1971). Lake Tanganyika: water chemistry, sediments, geological structure. *Naturwissenschaften, 58*(5), 229-241 https://doi.org/10.1594/pangaea.804018.

Degens_etal._1973 Degens, E.T., Von Herzen, R.P., Wong, H.-K., Deuser, W.G., & Jannasch, H.W. (1973). Lake Kivu: structure, chemistry and biology of an East African rift lake. *Geologische Rundschau, 62*(1), 245-277 https://doi.org/10.1594/pangaea.804016.

DelRey_1989 Del Rey, A.C. (1989). *Hydrogeothermal studies of the regions of Águas de Lindoia, Amparo e Socorro- Northeastern parts of the state of São Paulo.* University of São Paulo, São Paulo, Brazil.

Delisle_1994 Delisle, G. (1994). Measurement of terrestrial heat flow in glaciated terrain. *Terra Antarctica, 1*(3), 527-528 https://doi.org/10.1594/pangaea.806779.

Delisle_2011 Delisle, G. (2011). Positive geothermal anomalies in oceanic crust of Cretaceous age offshore Kamchatka. *Journal of Geophysical Research, 2*(2), 191-198 https://doi.org/10.5194/se-2-191-2011.

Delisle_etal._1998 Delisle, G., Beiersdorf, H., Neben, S., & Steinmann, D. (1998). The geothermal field of the North Sulawesi accretionary wedge and a model on BSR migration in unstable depositional environments. *Geological Society of London*, 267-274 https://doi.org/10.1144/gsl.Sp.1998.137.01.21.

Delisle_Ladage_2002 Delisle, G., & Ladage, S. (2002). New heat flow data from the Chilean coast between 36° and 40°.

Delisle_etal._1995 Delisle, G., Marzan, I., & Steinmann, D. (1995). *Heat flow measurements*. Retrieved from

Delisle_Zeibig_1999 Delisle, G., & Zeibig, M. (1999). *Geothermal Measurements*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.810030

Delisle_Zeibig_2007 Delisle, G., & Zeibig, M. (2007). Marine Heat Flow Measurements in Hard Ground Offshore Sumatra. *Eos, Transactions American Geophysical Union, 88*(4), 38-39 https://doi.org/10.1029/2007eo040004.

DellaVedova_Pellis_1979 Della Vedova, B., & Pellis, G. (1979, 1979). *Results of heat flux measurements performed in the South-Eastern Tyrrhenian Sea (Risultati delle misure di flusso di calore eseguite nel Tirreno Sud-Orientale).* Paper presented at the National Scientific Conference of the PF Oceanography and Marine Funds.

DellaVedova_Pellis_1983 Della Vedova, B., & Pellis, G. (1983). *Dati di flusso di calore nei mari italiani*. Retrieved from

DellaVedova_Pellis_1986b Della Vedova, B., & Pellis, G. (1986). Heat flow and subsidence of the deep Ionian Basin. *Rapport comm. international mer médit, 30*(2), 78.

DellaVedova_Pellis_1987 Della Vedova, B., & Pellis, G. (1987, 1986). *Risulti delle Misure di Flusso di Calore nel Mare di Sardegna.* Paper presented at the Annual meeting of the National Group of Geophysics of the Solid Earth.

DellaVedova_etal._1984 Della Vedova, B., Pellis, G., Foucher, J.P., & Rehault, J.P. (1984). Geothermal structure of the Tyrrhenian Sea. *Marine Geology, 55*(44289), 271-289 https://doi.org/10.1016/0025-3227(84)90072-0.

DellaVedova_etal._1992 Della Vedova, B., Pellis, G., Lawver, L.A., & Brancolini, G. (1992). *Heat flow and tectonics of the Western Ross Sea.* Paper presented at the Recent Progress in Antarctic Earth Science.

Demetrescu_etal._1981a Demetrescu, C., Ene, M., & Andreescu, M. (1981). Geothermal profile in the Central Moesian Platform. *Studii si Cercetari de Geologie, Geofizica, Geografie (Studies and Research in Geology, Geophysics, Geography), 33*, 1015-1021.

Demetrescu_etal._1981 Demetrescu, C., Ene, M., & Andreescu, M. (1981). On the geothermal regime of Transylvanian Depression. *Studii si Cercetari de Geologie, Geofizica, Geografie (Studies and Research in Geology, Geophysics, Geography), 19*, 61-71 https://doi.org/10.1594/pangaea.809694.

Demetrescu_etal._1983 Demetrescu, C., Ene, M., & Andreescu, M. (1983). New heat flow data for the Romanian Territory. *Anuarul Inststitutului de Geologie i Geofizic*, 45-56.

Demetrescu_etal._2001 Demetrescu, C., Nielsen, S.B., Ene, M., Serban, D.Z., Polonic, G., Andreescu, M., Pop, A., & Balling, N. (2001). Lithosphere thermal structure and evolution of the Transylvanian Depression - insights from new geothermal measurements and modelling results. *Physics of the Earth and Planetary Interiors, 126*(44289), 249-267 https://doi.org/10.1016/s0031-9201(01)00259-x.

Demetrescu_etal._2007 Demetrescu, C., Wilhelm, H., Tumanian, M., Nielsen, S.B., Damian, A., Dobrică, V., & Ene, M. (2007). Time-dependent thermal state of the lithosphere in the foreland of the Eastern Carpathians bend. Insights from new geothermal measurements and

modelling results. *Geophysical Journal International, 170*(2), 896-912 https://doi.org/10.1111/j.1365-246X.2007.03408.x.

Deming_Chapman_1988 Deming, D., & Chapman, D.S. (1988). Heat flow in the Utah-Wyoming thrust belt from analysis of bottom-hole temperature data measured in oil and gas wells. *Journal of Geophysical Research, 93*(B11), 13657-13672 https://doi.org/10.1029/JB093iB11p13657.

Deng_Wang_1982 Deng, X., & Wang, J. (1982). Terrestrial heat flow in Anhui Province. *Research on Geology, 1*, 82-89.

Detrick_etal._1986 Detrick, R.S., Von Herzen, R.P., Parsons, B., Sandwell, D., & Dougherty, M.E. (1986). Heat flow observations on the Bermuda Rise and thermal models of midplate swells. *Journal of Geophysical Research, 91*(B3), 3701-3723 https://doi.org/10.1029/JB091iB03p03701.

Devyatkin_1973 Deviatkin, V.N. (1973). Metodika izuchenija geotermicheskih parametrov v oblasti rasprostranenija mnogoletnemerzlyh porod (Methodology for studying geothermal parameters in the area of permafrost distribution). In *Regional and Thematic Geotriological Studies (Региональные и тема тические геоітриоло еские исследования.)* (Vol. 975, pp. 148-150).

Devyatkin_1975 Deviatkin, V.N. (1975). Rezul'taty opredelenija glubinnogo teplovogo potoka na territorii Jakutii (Results of determining the deep heat flow in Yakutia). In *Regional and Case Studies. Novosibirsk: Nauka. Siberian Branch (Региональные и тематические исследования. Новосибирск: Наука. Сиб. отд-ние)* (pp. 148).

Devyatkin_1982 Deviatkin, V.N. (1982). O geotermicheskoj anomalii Leno-Ust'-Viljujskogo gazonosnogo rajona (On the geothermal anomaly of the Lena-Ust-Vilyui gas-bearing region). In *The thermics of soils and rocks in cold regions. (Термика почв и горных пород в холодных регионах.)* (pp. 111-117).

Devyatkin_Gavriliev_1981 Deviatkin, V.N., & Gavriliev, R.I. (1981). Geotermija vmeshhajushhih porod kar'era “Mir”(Zapadnaja Jakutija) (Geothermy of host rocks in the Mir open pit (Western Yakutia)). In *Structure and thermal regime of frozen rocks. (Строение и тепловой режим мерзлых пород.)* (pp. 76-79).

Devyatkin_Shamshurin_1978 Deviatkin, V.N., & Shamshurin, V.Y. (1978). Geotermicheskaya Kharakteristika Mestorozhdeniya Sytykan (Geothermal characteristics of the Sytykan deposit). [Геотермическая Характеристика Месторождения Сытыкан]. *Geoteplofizicheskie Issledovaniya V Sibiri (Geothermal research in Siberia)*, 142-148.

Devyatkin_etal._1980 Deviatkin, V.N., & Shamshurin, V.Y. (1980). Geotermicheskie Usloviya Kimberlitovoi Trubki Yubileynaya (Geothermal conditions of the Yubileinaya kimberlite pipe). In *Permafrost phenomena in the developed regions of the USSR (Merzlotnye Issledovaniya v Osvaivaemykh Regionakh SSSR)* (pp. 79-82).

Deville_etal._2006 Deville, E., Guerlais, S.-H., Callec, Y., Griboulard, R., Huyghe, P., Lallemant, S., Mascle, A., Noble, M., & Schmitz, J. (2006). Liquefied vs stratified sediment mobilization processes: Insight from the South of the Barbados accretionary prism. *Tectonophysics, 428*(44287), 33-47 https://doi.org/10.1016/j.tecto.2006.08.011.

Diment_etal._1965a Diment, W.H., Raspet, R., Mayhew, M.A., & Werre, R.W. (1965). Terrestrial Heat Flow near Alberta, Virginia. *Journal of Geophysical Research*(4), 923-929 https://doi.org/10.1029/JZ070i004p00923.

Diment_Robertson_1963 Diment, W.H., & Robertson, E.C. (1963). Temperature, thermal conductivity, and heat flow in a drilled hole near Oak Ridge, Tennessee. *Journal of Geophysical Research, 68*(17), 5035-5047 https://doi.org/10.1029/JZ068i017p05035.

Diment_Weaver_1964 Diment, W.H., & Weaver, J.D. (1964). Subsurface temperatures and heat flow in the AMSOC core hole near Mayaguez, Puerto Rico. In *A Study of Serpentinite: The AMSOC Core Hole Near Mayaguez, Puerto Rico* (pp. 75-91).

Diment_Werre_1964 Diment, W.H., & Werre, R.W. (1964). Terrestrial heat flow near Washington, D.C. *Journal of Geophysical Research, 69*(10), 2143-2149 https://doi.org/10.1029/JZ069i010p02143.

Doig_1961 Doig, R. (1961). *A further study of terrestrial heat flow in the St. Lawrence Lowlands of Quebec.* (Ph.D.).

Dong_Zhang_1992 Dong, Z.-P., & Zhang, B.-A. (1992). The first group of heat flow data in ganshu. [甘肃首批大地热流数据]. *Journal of Gansu Science, 4*(3), 41-44.

Dorofeeva_1992 Dorofeeva, R.P. (1992). *Geothermal studies in Siberia and Mongolia.* Paper presented at the Proc. 14th New Zealand Geothrmal Workshop.

Dorofeeva_Duchkov_1995 Dorofeeva, R.P., & Duchkov, A.D. (1995). A new geothermal study in underwater boreholes on Lake Baikal continental rift zone. *World Geothermal Congress*, 763-766 https://doi.org/10.1594/pangaea.808087.

Dougherty_etal._1986 Dougherty, M.E., Von Herzen, R.P., & Barker, P.F. (1986). Anomalous heat flow from a Miocene ridge crest-trench collision, Antarctic Peninsula. *Antarctic Journal of the*

United States, 21(5) https://doi.org/10.1594/pangaea.806816.

Dovenyi_Horvath_1988 Dövényi, P., & Horváth, F. (1988). A review of temperature, thermal conductivity, and heat flow data from the Pannonian Basin. In *The Pannonian Basin, a Study in Basin Evolution* (Vol. 45, pp. 195-233).

Dovenyi_etal._1983 Dövényi, P., Horváth, F., Liebe, P., Gafi, J., & Erki, I. (1983). Geothermal conditions of Hungary. *Eos, Transactions American Geophysical Union, 29*(1), 3-114 https://doi.org/10.1594/pangaea.808029.

Drachev_etal._2003 Drachev, S.S., Kaul, N.E., & Beliaev, V.N. (2003). Eurasia spreading basin to Laptev Shelf transition: structural pattern and heat flow. *Geophysical Journal International, 152*(3), 688-698 https://doi.org/10.1046/j.1365-246X.2003.01882.x.

Drury_1985 Drury, M.J. (1985). Heat flow and heat generation in the Churchill Province of the Canadian Shield, and their palaeotectonic significance. *Tectonophysics, 115*(1), 25-44 https://doi.org/10.1016/0040-1951(85)90097-6.

Drury_1991 Drury, M.J. (1991). Heat flow in the Canadian Shield and its relation to other geophysical parameters. In *Terrestrial Heat Flow and the Lithosphere Structure* (pp. 317-337).

Drury_etal._1987 Drury, M.J., Jessop, A.M., & Lewis, T.J. (1987). The thermal nature of the Canadian Appalachian crust. *Tectonophysics, 133*(1), 41640 https://doi.org/10.1016/0040-1951(87)90276-9.

Drury_Lewis_1983 Drury, M.J., & Lewis, T.J. (1983). Water movement within lac du bonnet batholith as revealed by detailed thermal studies of three closely-spaced boreholes. *Tectonophysics, 95*(3), 337-351 https://doi.org/10.1016/0040-1951(83)90077-x.

Drury_Taylor_1987 Drury, M.J., & Taylor, A. (1987). Some new measurements of heat flow in the Superior Province of the Canadian Shield. *Canadian Journal of Earth Sciences, 24*(7), 1486-1489 https://doi.org/10.1139/e87-140.

Duchkov_1972 Duchkov, A.D. (1972). Heat flow for the Altai-Sayan Region.

Duchkov_2004 Duchkov, A.D. (2004). [personal communication, In: CD Rom: Geothermal Gradient and Heat Flow Data in and, around Japan. Geological Survey of Japan, AIST, 2004].

Duchkov_Kazantsev_1984 Duchkov, A.D., & Kazantsev, S.A. (1984). Rezultaty izucheniya teplovogo potoka cherez dno ozer - v kn: teoreticheskie i eksperimentalnye issle- dovaniya po geotermike morey i okeanov moskva: nauka (Results of studying heat flow through the bottom of lakes). [Результаты изучениыа теплового потока через дно озер - в кн: теоретические и экспериментальные иссле- дованиыа по геотермике мореы и океанов москва: наука]. *Teoreticheskie i eksperimentalnye issle- dovaniya po geotermike morey i okeanov (Theoretical and experimental research on the geothermics of seas and oceans)*, 104-113.

Duchkov_Kazantsev_1985 Duchkov, A.D., & Kazantsev, S.A. (1985). Teplovoi Potok Cherez dno Zapadnoi Chernogo Morya (Heat flow through the bottom of the western part of the Black Sea). [Тепловой поток через дно западной части Черного моря]. *Geologiya I Geofizika (Geology and Geophysics), 8*, 113-123 https://doi.org/10.1594/pangaea.808860.

Duchkov_Kazantsev_1988 Duchkov, A.D., & Kazantsev, S.A. (1988). Teplovoj potok vpadiny Chernogo morja (Heat flow in the Black Sea basin). In *Geophysical fields of the Atlantic Ocean (Геофизические поля Атлантического океана)* (pp. 121-130).

Duchkov_etal._1977 Duchkov, A.D., Kazantsev, S.A., Golubev, V.A., & Lysak, S.V. (1977). Geotermicheskie Issledovaniya Na Ozere Baikal (Geothermic investigations in the Baikal Lake). [Геотермические Исследованиыа На Озере Баикал]. *Geologiya I Geofizika (Geology and Geophysics), 6*, 126-130 https://doi.org/10.1594/pangaea.808867.

Duchkov_etal._1976 Duchkov, A.D., Kazantsev, S.A., Golubev, V.A., Lysak, S.V., & Khaikovsky, E.S. (1976). Teplovoi Potok V Predelakh Ozera Baikal - Geologia I Geofizika (Heat flow within Lake Baikal). [И Др Тепловои Поток, В.П.ределакх Озера Баикал - Геологиа И Геофизика]. *Geologiya I Geofizika (Geology and Geophysics), 4*, 112-121 https://doi.org/10.1594/pangaea.808862.

Duchkov_Sokolova_1974 Duchkov, A.D., & Sokolova, L.S. (1974). Teplovoy Potok Tsentralnykh Rayonov Altae-Sayanskoy Oblasti (Heat flow in the Central Regions of the Altai-Sayan Region). [Тепловой поток в центральных районах Алтае-Саянского края (рус)]. *Geologiya I Geofizika (Geology and Geophysics)*(8), 114-123.

Duchkov_Sokolova_1985 Duchkov, A.D., & Sokolova, L.S. (1985). Geotermicheskie Issledovaniya V Vos-Tochnoi Chasti Prikaspiiskoi Nizmennosti (Geothermal Studies in the Eastern Caspian Lowlands). In *Geothermal research in Central Asia and Kazakhstan (Геотермические исследования, В.С.редней Азии и Казахстане)* (pp. 255-261).

Duckov_etal._1978 Duchkov, A.D., Sokolova, L.S., Solov'eva, Z.A., & Khaykovskiy, Z.S. (1978). Teplovoy potok zapadnoy chasti altae-sayanskoy oblasti (Heat flow in the western part of the Altai-Sayan region). [Тепловой поток западной части алтае-саянской области]. *Geologiya I Geofizika (Geology and Geophysics), 4*, 96-100.

Duennebier_etal._1987 Duennebier, F.K., Cessaro, R.K., & Harris, D. (1987). Temperature and tilt variation

measured for 64 days in hole 581C. *Initial Reports of the Deep Sea Drilling Project, 88*, 161-165 https://doi.org/10.2973/dsdp.proc.88.112.1987.

Duque_Mendes-Victor_1993 Duque, M.R.A., & Mendes-Victor, L.A. (1993). Heat flow and deep temperature in South Portugal. *Studia Geophysica et Geodaetica, 37*(3), 279-292 https://doi.org/10.1007/Bf01624601.

Dzhamalova_1972b Dzhamalova, A.S. (1972). Radioaktivnyi Raspad V Osadochnoi Tolshche I EgoRol V Formirovanii Glubinnogo Teplovogo Potoka Na Territorii Da-Gestana (Radioactive Decay in Sedimentary Deposits and Its Role in the Formation of Deep Thermal Flux in the Territory of Dagestan). In *Energetika Geologicheskikh I Geofizicheskikh Protsessov*

(Energy of Geological and Geophysical Processes) (pp. 88-89).

Dziadek_etal._2019 Dziadek, R., Gohl, K., Kaul, N.E., Uenzelmann-Neben, G., Hochmuth, K., Riefstahl, F., Gebhardt, C., Arndt, J.E., Klages, J., Esper, O., Ronge, T., Kussner, K., Kuhn, G., Larter, R., Hillenbrand, C.D., Smith, J., Bickert, T., Palike, H., Frederichs, T., Freudenthal, T., Zundel, M., Spiegel, C., Ehrmann, W., Bohaty, S., Van de Flierdt, T., Pereira, P.S., Najman, Y., Scheinert, M., Ebermann, B., & Afanasyeva, V. (2019). Elevated geothermal surface heat flow in the Amundsen Sea Embayment, West Antarctica. *Earth and Planetary Science Letters, 506*, 530-539 https://doi.org/10.1016/j.epsl.2018.11.003.

Ebinger_etal._1987 Ebinger, C.J., Rosendahl, B.R., & Reynolds, D.J. (1987). Tectonic model of the Malaŵi rift, Africa. *Tectonophysics, 141*(1), 215-235 https://doi.org/10.1016/0040-1951(87)90187-9.

Eckstein_1976 Eckstein, Y. (1976). *The Measurements and Interpretation of Terrestrial Heat Flow in Israel*: Ministry of Commerce and Industry, Geological Survey of Israel, Hydrogeology Division. Retrieved from https://books.google.hn/books?id=_u9NAQAAIAAJ.

Eckstein_1979 Eckstein, Y. (1979). Heat Flow and the Hydrologic Cycle: Examples from Israel. In V. Cermak & L. Rybach (Eds.), *Terrestrial Heat Flow in Europe* (pp. 88-97). Berlin, Heidelberg: Springer Berlin Heidelberg.

Eckstein_etal._1982 Eckstein, Y., Heimlich, R.A., Palmer, D.F., & Shannon Jr, S.S. (1982). *Geothermal investigations in Ohio and Pennsylvania*. Retrieved from

Eckstein_Simmons_1978 Eckstein, Y., & Simmons, G. (1978). Measurement and interpretation of terrestrial heat flow in Israel. *Geothermics, 6*(3), 117-142 https://doi.org/10.1016/0375-6505(77)90023-2.

Edwards_etal._1978 Edwards, C.L., Reiter, M., Shearer, C., & Young, W. (1978). Terrestrial heat flow and crustal radioactivity in northeastern New Mexico and southeastern Colorado. *Geological Society of America Bulletin, 89*(9), 1341-1350 https://doi.org/10.1130/0016-7606(1978)89%3c1341:THFACR.

Eggleston_Reiter_1984 Eggleston, R.E., & Reiter, M. (1984). Terrestrial heat-flow estimates from petroleum bottom-hole temperature data in the Colorado Plateau and the eastern Basin and Range Province. *Geological Society of America Bulletin, 95*(9), 1027-1034 https://doi.org/10.1130/0016-7606(1984)95%3c1027:THEFPB.

Ehara_1979 Ehara, S. (1979). Heat flow in the Hokkaido–Okhotsk region and its tectonic implications. *Journal of Physics of the Earth, 27*, 125-139 https://doi.org/10.1594/pangaea.809696.

Ehara_1984 Ehara, S. (1984). Terrestrial Heat Flow Determinations In Central Kyushu, Japan. *Bulletin of Volcanic Society of Japan, 29*, 75-94 https://doi.org/10.1594/pangaea.806961.

Ehara_etal._1989 Ehara, S., Jin, X., & Yuhara, K. (1989). Determination of heat flow values in the two granitic rock regions of Japan - Houfu area in Yamaguchi Prefecture and Kunisaki area in Oita Prefecture, Southwest Japan. *Journal of the Geothermal Research Society of Japan, 11*(4), 269-283 https://doi.org/10.1594/pangaea.806958.

Ehara_Sakamoto_1985 Ehara, S., & Sakamoto, M. (1985). Terrestrial Heat Flow Determinations in Southern Kyushu, Japan : Kushikino and Nichinan Area (九州南部地域の地殻熱流量の決定: 串木野及び日南地域). [九州南部地域の地殻熱流量の決定: 串木野及び日南地域]. *Second Series Bulletin of the Volcanological Society of Japan, 30*(4), 253-271 https://doi.org/10.18940/kazanc.30.4_253.

Ehara_Yokoyama_1971 Ehara, S., & Yokoyama, I. (1971). Measurements of terrestrial heat flow in Hokkaido (Part 2). *Geophysical Journal International, 26*, 67-84 https://doi.org/10.1594/pangaea.809698.

Ehara_etal._1980 Ehara, S., Yuhara, K., & Shigematsu, A. (1980). Heat flow measurements in the submarine calderas, southern Kyushu, Japan. *Bulletin of the Volcanological Society of Japan, 25*, 51-61.

Eldholm_etal._1999 Eldholm, O., Sundvor, E., Vogt, P.R., Hjelstuen, B.O., Crane, K., Nilsen, A.K., & Gladczenko, T.P. (1999). SW Barents Sea continental margin heat flow and Hakon Mosby Mud Volcano. *Geo-Marine Letters, 19*(1), 29-37

https://doi.org/10.1007/s003670050090.

Eldholm_etal._1987 Eldholm, O., Thiede, J., & Taylor, E. (1987). Norwegian Sea. *Proceedings of the Deep Sea Drilling Program*, 53–453 https://doi.org/10.2973/odp.proc.ir.104.104.1987.

Eliasson_etal._1991 Eliasson, T., Eriksson, K.G., Lindqvist, J.G., Malmqvist, D., & Parasnis, D.S. (1991). Catalogue of Heat Flow Density Data: Sweden. In *Geothermal Atlas of Europe* (Vol. 1, pp. 124-125).

Embley_etal._1983 Embley, R.W., Hobart, M.A., Anderson, R.N., & Abbott, D.H. (1983). Anomalous heat flow in the northwest Atlantic: A case for continued hydrothermal circulation in 80-MY crust. *Journal of Geophysical Research, 88*(B2), 1067-1074 https://doi.org/10.1029/JB088iB02p01067.

Epp_etal._1970 Epp, D., Gnim, P.J., & Langseth Jr, M.G. (1970). Heat flow in the Caribbean and Gulf of Mexico. *Journal of Geophysical Research, 75*(29), 5655-5669 https://doi.org/10.1029/JB075i029p05655.

Erickson_Simmons_1974 Erickson, A., & Simmons, G. (1974). Enviromnetal and geophysical interpreation of heat-flow measurements in the Black Sea. *The Black Sea : Geology, Chemistry, and Biology, 20*, 50-62 https://doi.org/10.1594/pangaea.806970.

Erickson_1970 Erickson, A.J. (1970). *The measurement and interpretation of heat flow in the Mediterranean and Black Seas.* (Ph.D.). Available from http://heatflow.org/thermoglobe/publications/be67ce65-cf51-4172-a267-575ae22909f1

Erickson_1973 Erickson, A.J. (1973). Initial report on downhole temperature and shipboard thermal conductivity measurements, Leg 19. *Initial Reports of the Deep Sea Drilling Project, 19*, 643-656 https://doi.org/10.2973/dsdp.Proc.19.116.1973.

Erickson_etal._1979 Erickson, A.J., Avera, W.E., & Byrne, R. (1979). Heat flow results, DSDP leg 48. *Proceedings of the Deep Sea Drilling Program, 48*, 277-328 https://doi.org/10.2973/dsdp.proc.48.108.1979.

Erickson_etal._1972 Erickson, A.J., Helsley, C.E., & Simmons, G. (1972). Heat flow and continuous seismic profiles in the Cayman Trough and Yucatan Basin. *Geological Society of America Bulletin, 83*(5), 1241-1260 https://doi.org/10.1130/0016-7606.

Erickson_Hyndman_1979 Erickson, A.J., & Hyndman, R.D. (1979). Downhole temperature measurements and thermal conductivities of samples, Site 396 Deep Sea Drilling Project Leg 46. *Initial Reports of the Deep Sea Drilling Project, 46*, 389-400 https://doi.org/10.2973/dsdp.proc.46.130.1979.

Erickson_Simmons_1969 Erickson, A.J., & Simmons, G. (1969). Thermal measurements in the Red Sea hot brine pools. In *Hot brines and recent heavy metal deposits in the Red Sea* (pp. 114-121).

Erickson_etal._1977 Erickson, A.J., Simmons, G., & Ryan, W.B.F. (1977). Review of heat flow data from the Mediterranean and Aegean Seas. In *Structural history of the Mediterranean basins* (pp. 263-280).

Erickson_VonHerzen_1978a Erickson, A.J., & Von Herzen, R.P. (1978). Downhole temperature measurements and heat flow data in the Black Sea — DSDP Leg 42B. *Initial Reports of the Deep Sea Drilling Project, 42*(2), 1085-1103 https://doi.org/10.2973/dsdp.proc.42-2.152.1978.

Erickson_VonHerzen_1978b Erickson, A.J., & Von Herzen, R.P. (1978). *Down-hole temperature measurements, Deep Sea Drilling Project, Leg 42A*. Retrieved from https://doi.org/10.2973/dsdp.proc.42-1.143.1978

Erickson_etal._1975 Erickson, A.J., Von Herzen, R.P., Sclater, J.G., Girdler, R.W., Marshall, B.V., & Hyndman, R.D. (1975). Geothermal measurements in deep-sea drill holes. *Journal of Geophysical Research, 80*(17), 2515-2528 https://doi.org/10.1029/JB080i017p02515.

Eriksson_Malmqvist_1979 Eriksson, K.G., & Malmqvist, D. (1979). A review of the past and the present investigations of heat flow in Sweden. In *Terrestrial Heat Flow in Europe* (pp. 267-277).

Erki_etal._1984 Erki, I., Kolios, N.P., & Stegena, L. (1984). Heat flow density determination in the Strymon basin, NE Greece. *Journal of geophysics, 54*(2), 106-109 https://doi.org/10.1594/pangaea.809701.

Espinoza-Ojeda_etal._2017 Espinoza-Ojeda, O.M., Prol-Ledesma, R.-M., Iglesias, E.R., & Figueroa-Soto, A. (2017). Update and review of heat flow measurements in México. *Energy, 121*, 466-479 https://doi.org/10.1016/j.energy.2017.01.045.

Evans_1975 Evans, T.R. (1975). *Terrestrial heat flow studies in eastern Africa and the North Sea.* (Ph.D. PhD thesis). Retrieved from https://doi.pangaea.de/10.1594/pangaea.806998 Available from http://heatflow.org/thermoglobe/publications/bf38606e-072c-4905-acfc-1faab465154d

Evans_Tammemagi_1974 Evans, T.R., & Tammemagi, H.Y. (1974). Heat flow and heat production in northeast Africa. *Earth and Planetary Science Letters, 23*(3), 349-356 https://doi.org/10.1016/0012-821x(74)90124-1.

Fanelli_etal._1974 Fanelli, M., Loddo, M., Mongelli, F.M., & Squarci, P. (1974). Terrestrial heat flow measurements near rosignano solvay (Tuscany), Italy. *Geothermics, 3*(2), 65-73 https://doi.org/10.1016/0375-6505(74)90022-4.

Feinstein_etal._1996 Feinstein, S., Kohn, B.P., Steckler, M.S., & Eyal, M. (1996). Thermal history of the eastern margin of the Gulf of Suez .1. Reconstruction from borehole temperature and organic maturity measurements. *Tectonophysics, 266*(44287), 203-220 https://doi.org/10.1016/s0040-1951(96)00190-4.

Feng_etal._2009 Feng, C.-G., Liu, S.-W., Wang, L.-S., & Li, C. (2009). Present-Day Geothermal Regime in Tarim Basin, Northwest China. *Chinese Journal of Geophysics, 52*(11), 1237-1250 https://doi.org/10.1002/cjg2.1450.

Fernandez_etal._1998 Fernàndez, M., Marzan, I., Correia, A., & Ramalho, E.C. (1998). Heat flow, heat production, and lithospheric thermal regime in the Iberian Peninsula. *Tectonophysics, 291*(1), 29-53 https://doi.org/10.1016/s0040-1951(98)00029-8.

Finckh_1981 Finckh, P.G. (1981). Heat-flow measurements in 17 perialpine lakes. *Geological Society of America Bulletin, 92*(3_Part_II), 452-514 https://doi.org/10.1130/gsab-p2-92-452.

Firsov_1979 Firsov, F.V. (1979). Teplovoe pole na Juzhnom Urale (Thermal Field in the South Urals). [Тепловое поле на Южном Урале]. *Eksperimental'noye i teoreticheskoye izucheniye teplovykh potokov (Experimental and theoretical study of heat flows)*, 217-221.

Fisher_etal._2001 Fisher, A.T., Giambalvo, E.R., Sclater, J.G., Kastner, M., Ransom, B., Weinstein, Y., & Lonsdale, P. (2001). Heat flow, sediment and pore fluid chemistry, and hydrothermal circulation on the east flank of Alarcon Ridge, Gulf of California. *Earth and Planetary Science Letters, 188*(44289), 521-534 https://doi.org/10.1016/S0012-821x(01)00310-7.

Fisher_Gardner_1981 Fisher, M.A., & Gardner, M.C. (1981). *Temperature-gradient and heat-flow data, Panther Canyon, Nevada*. Retrieved from

Flores-Marquez_etal._1999 Flores-Márquez EL, C.-S.R., Campos-Enriquez JO, Pilkington. (1999). Preliminary 3-D structural model from the Chicxulub impact crater and its implications in the actual geothermal regime. *Trends in Heat, Mass and Moment Transfer, 5*, 19-40.

Flovenz_Saemundsson_1991 Flovenz, O.G., & Saemundsson, K. (1991). Catalogue of Heat Flow Density Data: Iceland. *Geothermal Atlas of Europe, 1* https://doi.org/10.1594/pangaea.807574.

Flovenz_Saemundsson_1993 Flovenz, O.G., & Saemundsson, K. (1993). Heat flow and geothermal processes in Iceland. *Tectonophysics, 225*(1), 123-138 https://doi.org/10.1016/0040-1951(93)90253-g.

Foerster_Foerster_2000 Foerster, A., & Foerster, H.-J. (2000). Crustal composition and mantle heat flow: Implications from surface heat flow and radiogenic heat production in the Variscan Erzgebirge (Germany). *Journal of Geophysical Research, 105*(B12), 27917-27938 https://doi.org/10.1029/2000jb900279.

Foerster_etal._2007 Foerster, A., Foerster, H.-J., Masarweh, R., Masri, A., Tarawneh, K., & Grp, D. (2007). The surface heat flow of the Arabian Shield in Jordan. *Journal of Asian Earth Sciences, 30*(2), 271-284 https://doi.org/10.1016/j.jseaes.2006.09.002.

Foerster_Merriam_1997 Foerster, A., & Merriam, D.F. (1997). Heat flow in the Cretaceous of Northwestern Kansas and implications for regional hydrology. *Midcontinent Geoscience, 240*, 1-11 https://doi.org/10.1594/pangaea.807000.

Fontes_1980 Fontes, L.C.A.A. (1980). *Determinação do Fluxo Geotérmico na bacia sedimentar Sergipe – Alagoas.*

Foster_etal._1974 Foster, S.E., Simmons, G., & Lamb, W. (1974). Heat-flow near a North Atlantic fracture zone. *Geothermics, 3*(1), 42430 https://doi.org/10.1016/0375-6505(74)90030-3.

Foster_1962 Foster, T.D. (1962). Heat-flow measurements in the northeast Pacific and in the Bering Sea. *Journal of Geophysical Research, 67*(7), 2991-2993 https://doi.org/10.1029/JZ067i007p02991.

Foucher_etal._1985 Foucher, J.P., Chenet, P.Y., Montadert, L., & Roux, J.M. (1985). Geothermal Measurements during Deep-Sea Drilling Project Leg-80. *Initial Reports of the Deep Sea Drilling Project, 80*(MAR), 423-436.

Foucher_etal._1990 Foucher, J.P., Lepichon, X., Lallemant, S., Hobart, M.A., Henry, P., Benedetti, M., Westbrook, G.K., & Langseth Jr, M.G. (1990). Heat-Flow, Tectonics, and Fluid Circulation at the Toe of the Barbados Ridge Accretionary Prism. *Journal of Geophysical Research, 95*(B6), 8859-8867 https://doi.org/10.1029/JB095iB06p08859.

Foucher_etal._1992 Foucher, J.P., Mauffret, A., Steckler, M.S., Brunet, M.F., Maillard, A., Rehault, J.P., Alonso, B., Desegaulx, P., Murillas, J., & Ouillon, G. (1992). Heat-Flow in the Valencia Trough - Geodynamic Implications. 77-97 https://doi.org/10.1016/0040-1951(92)90216-s.

Foucher_Sibuet_1979 Foucher, J.P., & Sibuet, J.-C. (1979). Thermal regime of the northern Bay of Biscay continental margin in the vicinity of DSDP sites 400 to 402. *Initial Reports of the Deep Sea Drilling Project, 68*, 789-796 https://doi.org/10.2973/dsdp.proc.48.109.1979.

Fuchs_Balling_2016b Fuchs, S., & Balling, N. (2016). Improving the temperature predictions of subsurface

thermal models by using high-quality input data. Part 2: A case study from the Danish-German border region. *Geothermics, 64*, 1-14 https://doi.org/https://doi.org/10.1016/j.geothermics.2016.04.004.

Fuchs_etal._2015 Fuchs, S., Balling, N., & Foerster, A. (2015). Calculation of thermal conductivity, thermal diffusivity and specific heat capacity of sedimentary rocks using petrophysical well logs. *Geophysical Journal International, 203*, 1977-2000 https://doi.org/10.1093/gji/ggv403.

Fuchs_etal._2020a Fuchs, S., Balling, N., & Mathiesen, A. (2020). Deep basin temperature and heat-flow field in Denmark – New insights from borehole analysis and 3D geothermal modelling. *Geothermics, 83*, 101722 https://doi.org/10.1016/j.geothermics.2019.101722.

Fuchs_Foerster_2010 Fuchs, S., & Foerster, A. (2010). Rock thermal conductivity of Mesozoic geothermal aquifers in the Northeast German Basin. *Chemie Der Erde, 70*, 13-22 https://doi.org/10.1016/j.chemer.2010.05.010.

Fujii_1981 Fujii, N. (1981). Down-hole temperature measurements and heat flow at Hess Rise, Deep Sea Drilling Project Leg 62. *Initial Reports of the Deep Sea Drilling Project, 62*, 1009-1014 https://doi.org/10.2973/dsdp.proc.62.159.1981.

Funnell_etal._1996 Funnell, R.H., Chapman, D.S., Allis, R.G., & Armstrong, P.A. (1996). Thermal state of the Taranaki Basin, New Zealand. *Journal of Geophysical Research, 101*(B11), 25197-25215 https://doi.org/10.1029/96jb01341.

Furukawa_etal._1998 Furukawa, Y., Shinjoe, H., & Nishimura, S. (1998). Heat flow in the Southwest Japan Arc and its implication for thermal processes under arcs. *Geophysical Research Letters, 25*(7), 1087-1090 https://doi.org/10.1029/98gl00545.

Gable_1979 Gable, R. (1979). Draft of a geothermal flux map of France. In V.R.L. Cermak (Ed.), *Terrestrial Heat Flow in Europe* (pp. 179-185). Heidelberg-Berlin-New York: Springer.

Gable_1980 Gable, R. (1980). Terrestrial heat flow in France. In *Advances in European Geothermal Research: Proceedings of the Second* (pp. 466-473).

Gable_Watermez_1979 Gable, R., & Watermez, P. (1979). Premières estimations du flux de chaleur dans le Massif Armoricain. *Bulletin BRGM, 17*, 35-38.

Galanis_etal._1986 Galanis Jr, S.P., Sass, J.H., Munroe, R.J., & Abu-Ajamieh, M. (1986). *Heat flow at Zerqa Ma'in and Zara and a geothermal reconnaissance of Jordan* (OF 86-0631). Retrieved from https://doi.pangaea.de/10.1594/pangaea.807061

Gallagher_1987 Gallagher, K. (1987). Thermal conductivity and heat flow in the southern Cooper Basin. *Exploration Geophysics, 18*(2), 62-65 https://doi.org/10.1071/eg987062.

Gallagher_1990 Gallagher, K. (1990). Some strategies for estimating present day heat flow from exploration wells, with examples. *Exploration Geophysics, 21*(3-4), 145-159 https://doi.org/10.1071/eg990145.

Galson_VonHerzen_1981 Galson, D.A., & Von Herzen, R.P. (1981). A heat flow survey on anomaly M0 south of the Bermuda Rise. *Earth and Planetary Science Letters, 53*(3), 296-306 https://doi.org/10.1016/0012-821x(81)90035-2.

Garcia-Estrada_etal._2001 Garcia-Estrada, G., Lopez-Hernandez, A., & Prol-Ledesma, R.-M. (2001). Temperature-depth relationships based on log data from the Los Azufres geothermal field, Mexico. *Geothermics, 30*(1), 111-132 https://doi.org/10.1016/s0375-6505(00)00039-0.

Garland_Lennox_1962 Garland, G.D., & Lennox, D.H. (1962). Heat flow in western Canada. *Geophysical Journal International, 6*(2), 245-262 https://doi.org/10.1594/pangaea.804696.

Gebski_etal._1987 Gebski, J.S., Wheildon, J., & Thomas-Betts, A.A. (1987). *Investigations of the UK Heat Flow Field (1984-1987): Investigation of the Geothermal Potential of the UK*: British Geological Survey Geothermal Resources Programme https://doi.org/10.1594/pangaea.807065.

Geilert_etal._2018 Geilert, S., Hensen, C., Schmidt, M., Liebetrau, V., Scholz, F., Doll, M., Deng, L., Fiskal, A., Lever, M.A., Su, C.C., Schloemer, S., Sarkar, S., Thiel, V., & Berndt, C. (2018). On the formation of hydrothermal vents and cold seeps in the Guaymas Basin, Gulf of California. *Biogeosciences, 15*(18), 5715-5731 https://doi.org/10.5194/bg-15-5715-2018.

Geli_etal._2008 Geli, L., Lee, T.-C., Cochran, J.R., Francheteau, J., Abbott, D.H., Labails, C., & Appriou, D. (2008). Heat flow from the Southeast Indian Ridge flanks between 80°E and 140°E: Data review and analysis. *Journal of Geophysical Research, 113*(B1) https://doi.org/10.1029/2007jb005001.

Geller_etal._1983 Geller, C.A., Weissel, J.K., & Anderson, R.N. (1983). Heat transfer and intraplate deformation in the central Indian Ocean. *Journal of Geophysical Research, 88*(B2), 1018-1032 https://doi.org/10.1029/JB088iB02p01018.

Gerard_etal._1962 Gerard, R., Langseth Jr, M.G., & Ewing, M. (1962). Thermal gradient measurements in the water and bottom sediment of the western Atlantic. *Journal of Geophysical Research, 67*(2), 785-803 https://doi.org/10.1594/pangaea.804700.

Gettings_1981 Gettings, M.E. (1981). *A heat flow profile across the Arabian Shield and Red Sea.* Paper presented at the Eos, Transactions American Geophysical Union.

Ginsburg_Soloviev_2004 Ginsburg, G.D., & Soloviev, V.A. (2004). [personal communication].

Girdler_1970 Girdler, R.W. (1970). A discussion on the structure and evolution of the Red Sea and the nature of the Red Sea, Gulf of Aden and Ethiopia rift junction-A review of Red Sea heat flow. *Philosophical Transactions of the Royal Society of London. Series A, Mathematical and Physical Sciences, 267*(1181), 191-203 https://doi.org/10.1098/rsta.1970.0032.

Girdler_etal._1974 Girdler, R.W., Erickson, A.J., & Von Herzen, R.P. (1974). Downhole temperature and shipboard thermal conductivity measurements aboard D/V Glomar challenger in the Red Sea. *Initial Reports of the Deep Sea Drilling Project, 23*(25), 879-886 https://doi.org/10.2973/dsdp.proc.23.125.1974.

Glaeser_1982 Gläser, S. (1982). *Geothermische Verhältnisse am Südrand der Norddeutschen-Polnischen Senke*. Retrieved from Potsdam:

Glaeser_1983 Gläser, S. (1983). *Karten der Temperatur-Tiefenverteilung für das Territorium der DDR als Grundlage für die Höffigkeitseinschätzung "Geothermische Energie"*. Retrieved from

Goff_etal._1992 Goff, S.J., Goff, F., & Janik, C.J. (1992). Tecuamburro Volcano, Guatemala: exploration geothermal gradient drilling and results. *Geothermics, 21*(4), 483-502 https://doi.org/10.1016/0375-6505(92)90003-r.

Golovanova_etal._2001 Golovanova, I.V., Harris, R.N., Selezniova, G.V., & Stulc, P. (2001). Evidence of climatic warming in the southern Urals region derived from borehole temperatures and meteorological data. *Global and Planetary Change, 29*(44289), 167-188 https://doi.org/10.1016/s0921-8181(01)00088-1.

Golubev_1992 Golubev, V. (1992). Teplovoj potok cherez dno ozera Hubsugul i prilegajushhie gory (Mongolija) (Heat flow through the bottom of Khubsugul Lake and the bordering mountains (Mongolia)). [Тепловой поток через дно озера Хубсугул и прилегающие горы (Монголия)]. *Izvestiya Akademii Nauk SSSR, Fizika Zemli (News of the USSR Academy of Sciences, Physics of the Earth), 1*, 48-60 https://doi.org/10.1594/pangaea.808874.

Golubev_Poort_1995 Golubev, V., & Poort, J. (1995). Local heat flow anomalies along the western shore of the north Baikal basin. *Geologiya I Geofizika (Geology and Geophysics), 36*, 175-186 https://doi.org/10.1594/pangaea.808030.

Golubev_1982 Golubev, V.A. (1982). *Geotermija Bajkala (Geothermy of Baikal)*.

Golubev_Khutorskoy_1986 Golubev, V.A., & Khutorskoy, M.D. (1986). *Geo-i gidrotermicheskie osobennosti ozera Khubsugul (NMR) (Geo-and hydrothermal features of Lake Khubsugul (Mongolian People's Republic)*.

Golubev_Osokina_1980 Golubev, V.A., & Osokina, S.V. (1980). Raspredeleniye teplovogo potoka i priroda yego lokal'nykh anomaliy v rayone ozera Baykal (Heat flow distribution and the nature of its local anomalies in the area of Lake Baikal). [Распределение теплового потока и природа его локальных аномалий в районе озера Байкал)]. *Izvestiya Akademii Nauk SSSR, Fizika Zemli (News of the USSR Academy of Sciences, Physics of the Earth), 4*, 63-75 https://doi.org/10.1594/pangaea.809056.

Gomez_Hamza_2005 Gomez, A.J.L., & Hamza, V.M. (2005). Geothermal gradient and heat flow in the state of Rio de Janeiro. *Revista Brasileira de Geofisica, 23*(4), 325-347 https://doi.org/10.1590/s0102-261x2005000400001.

Gong_etal._2003 Gong, Y., Wang, L.-S., Liu, S.-W., Guo, L., & Cai, J. (2003). Distribution characteristics of geotemperature field in Jiyang depression, Shandong, North China. *Chinese Journal of Geophysics, 46*(5), 652-658 https://doi.org/10.1002/cjg2.413.

Gordeev_etal._1985 Gordeev, A.D., Gordienko, V.V., Zavgorodnyaya, O.V., & Tsybulya, L.A. (1985). No-Vye Opredeleniya Teplovogo Potoka Na Territorii Belorussii (New Definitions of Heat Flow on the Territory of Belarus). [НоВые Определения Теплового Потока На Территории Белоруссии]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences)*, 6-10. Retrieved from https://books.google.de/books?id=pBpSAQAAI-AAJ&pg=PA190&dq=%22%D0%9D%D0%BE%D0%92%D1%8B%D0%B5+%D0%9E%D0%BF%D1%80%D0%B5%D0%B4%D0%B5%D0%BB%D0%B5%D0%BD%D0%B8%D1%8F+%D0%A2%D0%B5%D0%BF%D0%BB%D0%BE%D0%B2%D0%BE%D0%B3%D0%BE+%D0%9F%D0%BE%D1%82%D0%BE%D0%BA%D0%B0+%D0%9D%D0%B0+%D0%A2%D0%B5%D1%80%D1%80%D0%B8%D1%82%D0%BE%D1%80%D0%B8%D0%B8+%D0%91%D0%B5%D0%BB%D0%BE%D1%80%D1%83%D1%81%D1%81%D0%B8%D0%B8%22&hl=de&sa=X&ved=2ahUKEwiJk5jbz83uAhWSHOwKHTQ0Bd0Q6AEwAHoECAEQAg.

Gordienko_1972 Gordienko, V.V. (1972). Novi Dani Pro Teplovii Potik Krimu Ta Prichorno-Mor'Ya (New data about the heat flow of the Crim (by) the black sea). [Новый данные Про Тепловый Потока Крыму Та Причерноморья]. *Dopovidni An USSR, B*, 711-713.

Gordienko_Kutas_1970 Gordienko, V.V., & Kutas, R.I. (1970). Teplovii Potik Dneprovsko-Donetskoi Za-Padini Ta Donbasu (Heat Flow of the Dnieper-Donetsk Basin (by) Donbass). [Тепловый ПотокА.Д.непровско-Донецкой Впадины ТА.Д.онбасу]. *Dopovidni An USSR, 1*, 56-59.

Gordienko_Kutas_1971a Gordienko, V.V., & Kutas, R.I. (1971). *Teplovoe pole Ukrayiny (Thermal Field of Ukraine)*.

Gordienko_Zavgorodnyaya_1988 Gordienko, V.V., & Zavgordnyaya, O.V. (1988). Yavorovskaya anomaliya teplovogo potoka - geofizicheskii zhurnal 1988 (Yavorovska Heat Flow Anomaly). [Яворовская аномалия теплового потока - геофизический журнал 1988 г]. *Geofizicheskiy Zhurnal (Geophysical Journal), 10*(8), 49-58.

Gordienko_Zavgorodnyaya_1980 Gordienko, V.V., & Zavgorodnyaya, O.V. (1980). *Izmerenie teplovogo potoka Zemli u poverhnosti:(Metod redukcii temperatur voln) (Measurement of the Earth's heat flux at the surface: (Temperature wave reduction method))*. Retrieved from https://igu.org.ua/uk/node/8337.

Gordienko_Zavgorodnyaya_1982 Gordienko, V.V., & Zavgorodnyaya, O.V. (1982). Novye Opredeleniya I Karta Teplovogo Potoka Kryma (New Estimates and a map of the Crimean Heat Flow). [Новые определения и Карта Теплового потока Крыма - Геофизический журнал Т 4, № 3, (Русс)]. *Geofizicheskiy Zhurnal (Geophysical Journal), 4*(3), 56-62 https://doi.org/10.1594/pangaea.808875.

Gordienko_Zavgorodnyaya_1983 Gordienko, V.V., & Zavgorodnyaya, O.V. (1983). Novye Opredeleniya Teplovogo Potoka V Osadochnykh Basseinakh Ukrainy (New Definitions of the Heat Flow in Sedimentary Basins of Ukraine). [Новые Определения Теплового Потока В Осадочных Бассейнах Украины]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences), B*(3), 7-10.

Gordienko_Zavgorodnyaya_1987 Gordienko, V.V., & Zavgorodnyaya, O.V. (1987). Anomalii teplovogo potoka v moskovskoi i baltiiskoi sineklizakh (Heat flow anomalies in the Moscow and Baltic synеclines). [Аномалии теплового потока в московскои и балтиискои синеклизакх]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences)*(3), 8-10.

Gordienko_etal._1984 Gordienko, V.V., Zavgorodnyaya, O.V., Moiseenko, U.I., & Smyslov, A.A. (1984). Teplovoe pole juzhnogo sklona Baltijskogo shhita (Thermal Field of the Southern Slope of the Baltic Shield). [Тепловое поле южного склона Балтийского щита]. *Geofizicheskiy Zhurnal (Geophysical Journal), 6*(3), 31-37.

Gorecki_etal._2011 Górecki, W., Szczepa´nski, A., Oszczypko, N., & al., e. (2011). *Atlas zasobów geotermalnych formacji mezozoicznej na Niżu Polskim (Atlas of geothermal resources of mesozoic formations in the Polish Lowlands)* (W. Górecki Ed.). Krakow, Poland: Akademia Górniczo-Hutnicza im. S. Staszica w Krakowie. Wydział Geologii, Geofizyki i Ochrony Środowiska. Zakład Surowców Energetycznych (AGH - University of Science and Technology in Cracow

Faculty of Geology, Geophysics and Environment Protection Department of Fossil Fuels).

Gosnold_1984 Gosnold Jr, W.D. (1984). *Geothermal resource assessment for North Dakota. Final report*. Retrieved from North Dakota: https://doi.org/10.2172/6652013

Gosnold_1990 Gosnold Jr, W.D. (1990). Heat-Flow in the Great-Plains of the United-States. *Journal of Geophysical Research, 95*(B1), 353-374 https://doi.org/10.1029/JB095iB01p00353.

Gosnold_1999 Gosnold Jr, W.D. (1999). Basin-scale groundwater flow and advective heat flow: an example from the northern Great Plains. In A.M.D.F. Foerster (Ed.), *Geothermics in Basin Analysis* (pp. 99-116).

Gosnold_Eversoll_1983 Gosnold Jr, W.D., & Eversoll, D.A. (1983). *An inventory of geothermal resources in Nebraska*. Retrieved from

Gough_1963 Gough, D.I. (1963). Heat flow in the southern Karroo. *Proceedings of the Royal Society of London. Series A. Mathematical and Physical Sciences, 272*(1349), 207-230 https://doi.org/10.1098/rspa.1963.0050.

Goutorbe_etal._2007c Goutorbe, B., Drab, L., Loubet, N., & Lucazeau, F. (2007). Heat-flow revisited on the eastern canadian shield shelf. *Terra Nova, 19*(6), 381–386.

Goutorbe_etal._2008a Goutorbe, B., Lucazeau, F., & Bonneville, A. (2008). Surface heat flow and the mantle contribution on the margins of Australia. *Geochemistry, Geophysics, Geosystems, 9*(5) https://doi.org/10.1029/2007gc001924.

Goutorbe_etal._2008 Goutorbe, B., Lucazeau, F., & Bonneville, A. (2008). The thermal regime of South African continental margins. *Earth and Planetary Science Letters*(44228), 256-265 https://doi.org/10.1016/j.epsl.2007.11.044.

Goy_etal._1996 Goy, L., Fabre, D., & Menard, G. (1996). Modelling of rock temperatures for deep Alpine tunnel projects. *Rock mechanics and rock engineering, 29*(1), 43101 https://doi.org/10.1007/Bf01019936.

Green_etal._1981 Green, K.E., Von Herzen, R.P., & Williams, D.L. (1981). The Galapagos Spreading Center at 86°W: A detailed geothermal field study. *Journal of Geophysical Research*(B2), 979-986 https://doi.org/10.1029/JB086iB02p00979.

Greutter_1977 Greutter, A. (1977). Terrestrial heat flow in Edelény. *Magyar Geofizika (Hungarian Geophysics), 18*(2), 15-25.

Grevemeyer_etal._2003 Grevemeyer, I., Diaz-Naveas, J.L., Ranero, C.R., & Villinger, H.W. (2003). Heat flow over the descending Nazca plate in central Chile, 32 degrees S to 41 degrees S: observations from ODP Leg 202 and the occurrence of natural gas hydrates. *Earth and Planetary Science Letters, 213*(44289), 285-298 https://doi.org/10.1016/S0012-821x(03)00303-0.

Grevemeyer_etal._2006 Grevemeyer, I., Kaul, N.E., & Diaz-Naveas, J.L. (2006). Geothermal evidence for fluid flow through the gas hydrate stability field off Central Chile-transient flow related to large subduction zone earthquakes? *Geophysical Journal International, 166*(1), 461-468 https://doi.org/10.1111/j.1365-246X.2006.02940.x.

Grevemeyer_etal._2005 Grevemeyer, I., Kaul, N.E., Diaz-Naveas, J.L., Villinger, H.W., Ranero, C.R., & Reichert, C. (2005). Heat flow and bending-related faulting at subduction trenches: Case studies offshore of Nicaragua and Central Chile. *Earth and Planetary Science Letters, 236*(44228), 238-248 https://doi.org/10.1016/j.epsl.2005.04.048.

Grevemeyer_etal._2009 Grevemeyer, I., Kaul, N.E., & Kopf, A.J. (2009). Heat flow anomalies in the Gulf of Cadiz and off Cape San Vincente, Portugal. *Marine and Petroleum Geology, 26*(6), 795-804 https://doi.org/10.1016/j.marpetgeo.2008.08.006.

Grevemeyer_etal._1999 Grevemeyer, I., Kaul, N.E., Villinger, H.W., & Weigel, W. (1999). Hydrothermal activity and the evolution of the seismic properties of upper oceanic crust. *Journal of Geophysical Research, 104*(B3), 5069-5079 https://doi.org/10.1029/1998jb900096.

Grevemeyer_etal._2004 Grevemeyer, I., Kopf, A.J., Fekete, N., Kaul, N.E., Villinger, H.W., Heesemann, M., Wallmann, K., Spiess, V., Gennerich, H.H., Muller, M., & Weinrebe, W. (2004). Fluid flow through active mud Dome Mound Culebra offshore Nicoya Peninsula, Costa Rica: evidence from heat flow surveying. *Marine Geology, 207*(44287), 145-157 https://doi.org/10.1016/j.margeo.2004.04.002.

Grevemeyer_etal._2017 Grevemeyer, I., Lange, D., Villinger, H., Custódio, S., & Matias, L. (2017). Seismotectonics of the Horseshoe Abyssal Plain and Gorringe Bank, eastern Atlantic Ocean: Constraints from ocean bottom seismometer data. *Journal of Geophysical Research: Solid Earth, 122*(1), 63-78 https://doi.org/https://doi.org/10.1002/2016JB013586.

Griffin_etal._1977 Griffin, G.M., Reel, D.A., & Pratt, R.W. (1977). Heat flow in Florida oil test holes and indications of oceanic crust beneath the southern Florida- Bahamas platform. *The Geothermal Nature of the Floridan Plateau, 21*, 43-63 https://doi.org/10.1594/pangaea.807089.

Grim_1969 Grim, P.J. (1969). Heat flow measurements in the Tasman Sea. *Journal of Geophysical Research, 74*(15), 3933-3934 https://doi.org/10.1029/JB074i015p03933.

Groenlie_etal._1977 Groenlie, G., Heier, K.S., & Swanberg, C.A. (1977). Terrestrial heat flow determinations from Norway. *Norsk Geologisk Tidsskrift, 57*(2), 153-162 https://doi.org/10.1594/pangaea.809753.

Guillou-Frottier_etal._1996 Guillou-Frottier, L., Jaupart, C., Mareschal, J.-C., Gariepy, C., Bienfait, G., Cheng, L.-Z., & Lapointe, R. (1996). High heat flow in the trans-Hudson Orogen, Central Canadian Shield. *Geophysical Research Letters, 23*(21), 3027-3030 https://doi.org/10.1029/96gl02895.

Guillou-Frottier_etal._1994 Guillou-Frottier, L., Mareschal, J.-C., Jaupart, C., Gariepy, C., Bienfait, G., & Lapointe, R. (1994). Heat flow, gravity and structure of the Abitibi belt, Superior Province, Canada: Implications for mantle heat flow. *Earth and Planetary Science Letters, 122*(44228), 103-123 https://doi.org/10.1016/0012-821x(94)90054-X.

Guillou-Frottier_etal._1995 Guillou-Frottier, L., Mareschal, J.-C., Jaupart, C., Gariepy, C., Lapointe, R., & Bienfait, G. (1995). Heat flow variations in the Grenville Province, Canada. *Earth and Planetary Science Letters, 136*(44289), 447-460 https://doi.org/10.1016/0012-821x(95)00187-h.

Gupta_1972 Gupta, M.L. (1972). *Geothermal gradients, heat flow values along Aravalli belt and their significance regarding its tectonic history*.

Gupta_1981 Gupta, M.L. (1981). Surface heat flow and igneous intrusion in the Cambay Basin, India. *Journal of Volcanology and Geothermal Research, 10*(4), 279-292 https://doi.org/10.1016/0377-0273(81)90080-9.

Gupta_1988 Gupta, M.L. (1988). [pers. comm].

Gupta_Rao_1970 Gupta, M.L., & Rao, G.V. (1970). Heat flow studies under upper mantle project. *National Geophysical Research Institute Bulletin India, 8*, 87-112 https://doi.org/10.1594/pangaea.808031.

Gupta_etal._1987 Gupta, M.L., Sharma, S.R., Sundar, A., & Singh, S.B. (1987). Geothermal studies in the Hyderabad granitic region and the crustal thermal structure of the Southern Indian Shield. *Tectonophysics, 140*(2-4), 257-264 https://doi.org/10.1016/0040-1951(87)90233-2.

Gupta_etal._1991a Gupta, M.L., Sundar, A., & Sharma, S.R. (1991). Heat flow and heat generation in the

Archaean Dharwar cratons and implications for the Southern Indian Shield geotherm and lithospheric thickness. *Tectonophysics, 194*(1-2), 107-122 https://doi.org/10.1016/0040-1951(91)90275-w.

Gupta_etal._1993 Gupta, M.L., Sundar, A., Sharma, S.R., & Singh, S.B. (1993). Heat-Flow in the Bastar Craton, Central Indian Shield - Implications for Thermal-Characteristics of Proterozoic Cratons. *Physics of the Earth and Planetary Interiors, 78*(44228), 23-31 https://doi.org/10.1016/0031-9201(93)90081-j.

Gupta_etal._1970 Gupta, M.L., Verma, R.K., Hamza, V.M., Rao, G.V., & Rao, R.U.M. (1970). Terrestrial heat flow and tectonics of the Cambay Basin, Gujarat State (India). *Tectonophysics, 10*(1), 147-163 https://doi.org/10.1016/0040-1951(70)90104-6.

Gupta_etal._1967 Gupta, M.L., Verma, R.K., Rao, R.U.M., Hamza, V.M., & Rao, G.V. (1967). Terrestrial heat flow in Khetri copper belt Rajasthan, India. *Journal of Geophysical Research, 72*(16), 4215-4220 https://doi.org/10.1594/pangaea.804762.

Haenel_1969d Haenel, R. (1969). *Bericht über geothermische Messungen in der Bohrung Heuchelberg 1*. Retrieved from Hannover:

Haenel_1969a Haenel, R. (1969). *Bericht über geothermische Messungen in der Forschungsbohrung Christophstal bei Freudenstadt*. Retrieved from Hannover:

Haenel_1969b Haenel, R. (1969). *Geothermische Messungen in Bohrungen bei Nabburg*. Retrieved from Hannover:

Haenel_1969c Haenel, R. (1969). *Geothermische Messungen in der Bohrung Hirzenhain 85*. Retrieved from Hannover:

Haenel_1970a Haenel, R. (1970). *Bericht über geothermische Messungen in den Bohrungen bei Bad Teinach*. Retrieved from Hannover:

Haenel_1970b Haenel, R. (1970). Eine neue Methode zur Bestimmung der terrestrischen Wärmestromdichte in Binnenseen. *Zeitschrift für Geophysik, 36*(H. 6), 725-742.

Haenel_1971b Haenel, R. (1971). Bestimmungen der terrestrischen Wärmestromdichte in Deutschland. *Zeitschrift für Geophysik, 37*, 119-134.

Haenel_1971a Haenel, R. (1971). Heat flow measurements and a first heat flow map of Germany. *Zeitschrift für Geophysik, 37*, 975-992 https://doi.org/10.1594/pangaea.809709.

Haenel_1972c Haenel, R. (1972). *Bericht über geothermische Messungen in der Bohrung Böß-Gesäß*. Retrieved from

Haenel_1972a Haenel, R. (1972). Heat flow measurements in the Ionian Sea with a new heat flow probe. *Meteor Forschungsergebnisse, Deutsche Forschungsgemeinschaft, Reihe C Geologie und Geophysik, C11*, 105-108 https://doi.org/10.1594/pangaea.809711.

Haenel_1972b Haenel, R. (1972). Heat flow measurements in the Red Sea and the Gulf of Aden. *Zeitschrift für Geophysik, 38*(6), 1035–1047.

Haenel_1973c Haenel, R. (1973). *Bericht über geothermische Messungen in den Bohrungen bei Trier*. Retrieved from Hannover:

Haenel_1973a Haenel, R. (1973). *Bericht über geothermische Messungen in der Forschungsbohrung Oldenswort*. Retrieved from Hannover:

Haenel_1974a Haenel, R. (1974). *Bericht über Temperaturmessungen bei Landau/Pfalz*. Retrieved from

Haenel_1974b Haenel, R. (1974). *Bericht zur Wärmestromdichtebestimmung der Bohrung Alexanderbad* (30173). Retrieved from Hannover

Haenel_1974c Haenel, R. (1974). Heat flow measurements in Northern Italy and heat flow maps of Europe. *Zeitschrift für Geophysik, 40*(1), 367-380 https://doi.org/10.1594/pangaea.809712.

Haenel_1974d Haenel, R. (1974). Heat flow measurements in the Norwegian Sea. *Meteor Forschungsergebnisse, Deutsche Forschungsgemeinschaft, Reihe C Geologie und Geophysik, C17*, 74-78.

Haenel_1975 Haenel, R. (1975). *Bericht über geothermische Messungen in den Werra-Bohrungen*. Retrieved from Hannover:

Haenel_1979a Haenel, R. (1979). A critical review of heat flow measurements in sea and lake bottom sediments. In *Terrestrial Heat Flow in Europe* (pp. 49-73).

Haenel_1983 Haenel, R. (1983). Geothermal investigations in the Rhenish Massif. In K. Fuchs, K. von Gehlen, H. Malzer, H. Murawski, & A. Semmel (Eds.), *Plateau Uplift* (pp. 228-246). Berlin: Springer.

Haenel_Bram_1977 Haenel, R., & Bram, K. (1977). Das Geothermische Feld des Rieses (About the geothermal field of the Ries). *Geologica Bavarica, 75*, 373-380 https://doi.org/10.1594/pangaea.809713.

Haenel_etal._1974 Haenel, R., Gronlie, G., & Heier, K.S. (1974). Terrestrial heat flow determinations from lakes in southern Norway. *Norsk Geologisk Tidsskrift, 54*(4), 421-428 https://doi.org/10.1594/pangaea.809750.

Haenel_etal._1979 Haenel, R., Gronlie, G., & Heier, K.S. (1979). Terrestrial heat flow determination in Norway and an attempted interpretation. In *Terrestrial Heat Flow in Europe* (pp. 232-

239).

Haenel_Zoth_1971a Haenel, R., & Zoth, G. (1971). *Bericht über geothermische Messungen in der Bohrung Riedenburg*. Retrieved from Hannover:

Haenel_Zoth_1971b Haenel, R., & Zoth, G. (1971). *Bericht über geothermische Messungen in der Bohrung Weissenstein*. Retrieved from

Haenel_Zoth_1973 Haenel, R., & Zoth, G. (1973). Heat Flow Measurements in Austria and Heat Flow Maps of Central Europe. *Zeitschrift für Geophysik, 39*, 425-439 https://doi.org/10.1594/pangaea.808039.

Haenel_Zoth_1975 Haenel, R., & Zoth, G. (1975). *Geothermische Messungen in der Bohrung Bad Sassendorf*. Retrieved from

Haenel_etal._1983 Haenel., R., Grubbe, J.S., Reichert, C., & Zoth, G. (1983). *Forschungsvorhaben: Vertikalbewegungen und ihre Ursachen am Beispiel des Rheinischen Schildes*. Retrieved from

Halunen_VonHerzen_1973 Halunen Jr, A.J., & Von Herzen, R.P. (1973). Heat flow in the western equatorial Pacific Ocean. *Journal of Geophysical Research, 78*(23), 5195-5208 https://doi.org/10.1029/JB078i023p05195.

Hamamoto_etal._2011 Hamamoto, H., Yamano, M., Goto, S., Kinoshita, M., Fujino, K., & Wang, K. (2011). Heat flow distribution and thermal structure of the Nankai subduction zone off the Kii Peninsula. *Geochemistry, Geophysics, Geosystems, 12*(10) https://doi.org/10.1029/2011gc003623.

Hamza_1982 Hamza, V.M. (1982). Flux de chaleur de la Terre et ressources géothermiques. *Impact science et société, 37*(1), 25-38.

Hamza_etal._2005 Hamza, V.M., Dias, F.J.S.S., Gomes, A.J.L., & Terceros, Z.G.D. (2005). Numerical and functional representations of regional heat flow in South America. *Physics of the Earth and Planetary Interiors, 152*(4), 223-256 https://doi.org/10.1016/j.pepi.2005.04.009.

Hamza_Eston_1983 Hamza, V.M., & Eston, S.M. (1983). Assessment of geothermal resources of Brazil — 1981. *Zentralblatt für Geologie und Palaontologie, 1*, 128-155 https://doi.org/10.1594/pangaea.809751.

Hamza_etal._1986 Hamza, V.M., Frangipani, A., & Becker, E.A. (1986). *Mapas de Geotermas, Gradientes Térmicos e Recursos Geotermais do Estado de São Paulo - Fase 1: Regiões do Governo de São Jose dos Campos, Taubaté, Guaratinguetá e Cruzeiro*. Retrieved from São Paulo.:

Hamza_etal._1987 Hamza, V.M., Frangipani, A., & Becker, E.A. (1987). *Mapas geotermais do Brasil*. Retrieved from Sao Paulo, Brazil:

Hamza_Munoz_1996 Hamza, V.M., & Munoz, M. (1996). Heat flow map of South America. *Geothermics, 25*(6), 599-646 https://doi.org/10.1016/s0375-6505(96)00025-9.

Hamza_etal._1981 Hamza, V.M., Vieira, F.P., & Guimaraes, S.N.P. (1981). Assessment of Geothermal Resources of Brazil. *Zentralblatt für Geologie und Palaontologie, 1*, 128-155.

Han_1979 Han, U. (1979). *Heat Flow in South Korea.* (Master). Retrieved from https://doi.pangaea.de/10.1594/pangaea.809752 Available from http://heatflow.org/thermoglobe/publications/4931a26e-dbc8-4683-9499-43d30e3819b6

Han_Wu_1993 Han, Y.-H., & Wu, C.-S. (1993). Geothermal gradient anf heat flow values of some deep wells in sichuan basin. [四川盆地地温梯度和几个深井热流测量]. *Qil and Gas Geology, 14*(1), 80-84.

Harder_etal._1995 Harder, S.H., Toan, D.V., Yem, N.T., Bac, T.V., Vu, N.G., Mauri, S.J., Fisher, A.T., McCabe, R., & Flower, M.F.J. (1995). Preliminary heat flow results from the Hanoi Basin, Vietnam. In *Terrestrial heat flow and geothermal energy in Asia* (pp. 163-172).

Harris_etal._2010 Harris, R.N., Grevemeyer, I., Ranero, C.R., Villinger, H.W., Barckhausen, U., Henke, T., Mueller, C., & Neben, S. (2010). Thermal regime of the Costa Rican convergent margin: 1. Along-strike variations in heat flow from probe measurements and estimated from bottom-simulating reflectors. *Geochemistry, Geophysics, Geosystems, 11*(12) https://doi.org/10.1029/2010gc003272.

Harris_etal._2015 Harris, R.N., Johnson, H.P., & Solomon, E. (2015). *Processed heat flow data acquired at the Cascadia subduction zone during Atlantis cruise AT26-04*. Retrieved from: https://doi.org/10.1594/IEDA/321799

Harris_etal._2011 Harris, R.N., Schmidt-Schierhorn, F., & Spinelli, G.A. (2011). Heat flow along the NanTroSEIZE transect: Results from IODP Expeditions 315 and 316 offshore the Kii Peninsula, Japan. *Geochemistry, Geophysics, Geosystems, 12*(8) https://doi.org/10.1029/2011gc003593.

Harris_etal._2000 Harris, R.N., Von Herzen, R.P., McNutt, M.K., Garven, G., & Jordahl, K. (2000). Submarine hydrogeology of the Hawaiian archipelagic apron: 1. Heat flow patterns north of Oahu and Maro Reef. *Journal of Geophysical Research, 105*(B9), 21353-21369 https://doi.org/10.1594/pangaea.804411.

Hart_Steinhart_1965 Hart, S.R., & Steinhart, J.S. (1965). Terrestrial Heat Flow: Measurement in Lake Bottoms. *Science, 149*(3691), 1499-1501 https://doi.org/10.1126/science.149.3691.1499.

Hart_etal._1968 Hart, S.R., Steinhart, J.S., & Smith, T.J. (1968). Heat Flow. *Yearbook Carnegie Institution for Science, 67*, 360-367.

Hass_Harris_2016 Hass, B., & Harris, R.N. (2016). Heat flow along the Costa Rica Seismogenesis Project drilling transect: Implications for hydrothermal and seismic processes. *Geochemistry, Geophysics, Geosystems, 17*(6), 2110-2127 https://doi.org/10.1002/2016gc006314.

Hayashi_1997 Hayashi, T. (1997). *Thermal Structure and Tectonic History of the Derugin Basin, Sea of Okhotsk (in Japanese with English abstract).* (Master). Retrieved from https://doi.pangaea.de/10.1594/pangaea.809754 Available from http://heatflow.org/thermoglobe/publications/cad64511-3a34-487f-bf9a-eefd4a39eaba

He_etal._2014 He, J., Wang, J., Tan, F., Chen, M.J., Li, Z., Sun, T., Wang, P., Du, B., & Chen, W. (2014). A comparative study between present and palaeo-heat flow in the Qiangtang Basin, northern Tibet, China. *Marine and Petroleum Geology, 57*, 345-358 https://doi.org/10.1016/j.marpetgeo.2014.05.020.

He_etal._2008 He, L., Hu, S.-B., Huang, S.-P., Yang, W., Wang, J.-Y., Yuan, Y.-S., & Yang, S. (2008). Heat flow study at the Chinese Continental Scientific Drilling site: Borehole temperature, thermal conductivity, and radiogenic heat production. *Journal of Geophysical Research, 113*(B2) https://doi.org/10.1029/2007jb004958.

He_etal._2006 He, L., Hu, S.-B., & Yang, W. (2006). Temperature Measurement in the Main Hole of the Chinese Continental Scientific Drilling. *Chinese Journal of Geophysics, 49*(3), 745-752 https://doi.org/10.1002/cjg2.881.

He_etal._2002 He, L., Xiong, L.-P., & Wang, J.-Y. (2002). Heat flow and thermal modeling of the Yinggehai Basin, South China Sea. *Tectonophysics, 351*(3), 245-253 https://doi.org/10.1016/s0040-1951(02)00160-9.

Heasler_etal._1982 Heasler, H.P., Decker, E.R., & Buelow, K.L. (1982, 44291). *Heat flow studies in Wyoming: 1979 to 1981.* Paper presented at the Geothermal energy exploration and resource assessment technical conference.

Henderson_Davis_1983 Henderson, J., & Davis, E.E. (1983). An estimate of heat flow in the western north Atlantic at Deep Sea Drilling Project Site 534. *Initial Reports of the Deep Sea Drilling Project, 76*, 719-724 https://doi.org/10.2973/dsdp.Proc.76.135.1983.

Henrikson_2000 Henrikson, A. (2000). *New heat flow determinations from oil and gas wells in the Colorado Plateau and Basin and Range of Utah.* (Ph.D.). Retrieved from https://doi.org/10.1594/PANGAEA.807126 Available from http://heatflow.org/thermoglobe/publications/e9cd0bf1-34d6-4bb0-ab16-4d1b7d962e88

Henry_Pollack_1988 Henry, S.G., & Pollack, H.N. (1988). Terrestrial heat flow above the Andean Subduction Zone in Bolivia and Peru. *Journal of Geophysical Research, 93*(B12), 15153-15162 https://doi.org/10.1029/JB093iB12p15153.

Hentinger_Jolivet_1967 Hentinger, R., & Jolivet, J. (1967). On some geothermal flux determinations in France (Sur quelques déterminations de flux géothermique en France). *Bulletin BRGM, 2*, 102-114.

Hentinger_Jolivet_1970 Hentinger, R., & Jolivet, J. (1970). Nouvelles déterminations du flux géothermique en France (New determinations of the geothermal flow in France). [Nouvelles déterminations du flux géothermique en France]. *Tectonophysics, 10*(44256), 127-146 https://doi.org/10.1016/0040-1951(70)90103-4.

Henyey_1968 Henyey, T.L. (1968). *Heat flow near major strike-slip faults in central and southern California.* (Ph.D.). Retrieved from https://doi.pangaea.de/10.1594/pangaea.807128 Available from http://heatflow.org/thermoglobe/publications/ccfca2fd-bee8-44f6-9105-14539023483f

Henyey_Bischoff_1973 Henyey, T.L., & Bischoff, J.L. (1973). Tectonic Elements of the Northern Part of the Gulf of California. *Geological Society of America Bulletin, 84*(1) https://doi.org/10.1130/0016-7606(1973)84<315:Teotnp>2.0.Co;2.

Henyey_Lee_1976 Henyey, T.L., & Lee, T.-C. (1976). Heat flow in Lake Tahoe, California-Nevada, and the Sierra Nevada-Basin and Range transition. *Geological Society of America Bulletin, 87*(8), 1179–1187 https://doi.org/10.1130/0016-7606(1976)87<1179:Hfiltc>2.0.Co;2.

Henyey_Wasserburg_1971 Henyey, T.L., & Wasserburg, G.J. (1971). Heat flow near major strike-slip faults in California. *Journal of Geophysical Research, 76*(32), 7924-7946 https://doi.org/10.1029/JB076i032p07924.

Herman_etal._1978 Herman, B.M., Anderson, R.N., & Truchan, M. (1978). Extensional Tectonics in the Okinawa Trough: Convergent Margins. In J.S.M.L.W.D.P. Watkins (Ed.), *Geological and Geophysical Investigations of Continental Margins* (pp. 199-208): American Association of Petroleum Geologists.

Herman_etal._1977 Herman, B.M., Langseth Jr, M.G., & Hobart, M.A. (1977). Heat flow in the oceanic crust bounding Western Africa. *Tectonophysics, 41*(44256), 61-77

https://doi.org/10.1016/0040-1951(77)90180-9.

Herrin_Clark_1956 Herrin, E., & Clark Jr, S.P. (1956). Heat flow in West Texas and eastern New Mexico. *Geophysics, 21*(4), 1087-1099 https://doi.org/10.1190/1.1438306.

Hobart_etal._1975 Hobart, M.A., Bunce, E.T., & Sclater, J.G. (1975). Bottom water flow through the Kane Gap, Sierra Leone Rise, Atlantic Ocean. *Journal of Geophysical Research, 80*(36), 5083-5088 https://doi.org/10.1029/JC080i036p05083.

Hobart_etal._1985 Hobart, M.A., Langseth Jr, M.G., & Anderson, R.N. (1985). A geothermal and geophysical survey on the south flank of the Costa Rica rift: Sites 504 and 505. *Initial Reports of the Deep Sea Drilling Project, 83*, 379-404 https://doi.org/10.1594/pangaea.804429.

Hobart_etal._1974 Hobart, M.A., Udintsev, G.B., & Popova, A.K. (1974). Heat-flow measurements in the East-central Atlantic Ocean and near the Atlantis fracture zone. *Problems of Oceanic Rift Zones* https://doi.org/10.1594/pangaea.809755.

Honda_etal._1979 Honda, S., Matsubara, Y., Watanabe, T., Uyeda, S., Shimazaki, K., Nomura, K., & Fujii, N. (1979). Compilation of eleven new heat flow measurements on the Japanese Islands. *Bulletin of the Earthquake Research Institute, 54*, 45-73 https://doi.org/10.1594/pangaea.807151.

Horai_1964 Horai, K.-I. (1964). Studies of the thermal state of the Earth. The 13th paper: Terrestrial Heat Flow in Japan. *Bulletin of the Earthquake Research Institute, 42*(1), 93-132 https://doi.org/10.1594/pangaea.807152.

Horai_etal._1970 Horai, K.-I., Chessman, M.D., & Simmons, G. (1970). Heat Flow Measurements on the Reykjanes Ridge. *Nature, 225*(5229), 264-265 https://doi.org/10.1038/225264a0.

Horai_etal._1994 Horai, K.-I., Sasaki, Y., & Kobayashi, Y. (1994). A relationship between cut off depth of seismicity and heat flow in the Central Japan. *Japan Earth and Planetary Science Joint Meeting*, 273 https://doi.org/10.1594/pangaea.809756.

Horai_VonHerzen_1985 Horai, K.-I., & Von Herzen, R.P. (1985). Measurement of heat flow on Leg 86 of the Deep Sea Drilling Project. *Initial Reports of the Deep Sea Drilling Project, 86*, 759-777 https://doi.org/10.2973/dsdp.proc.86.135.1985.

Horvath_etal._1979 Horváth, F., Bodri, L., & Ottlik, P. (1979). Geothermics of Hungary and the tectonophysics of the Pannonian Basin "red spot". In *Terrestrial Heat Flow in Europe* (pp. 206-217).

Horvath_etal._1977 Horvath, F., Erki, I., Bodri, L., Marko, L., & Gellert, T. (1977). Heat Flow Measurements In Hungary.

Houseman_etal._1989 Houseman, G.A., Cull, J.P., Muir, P.M., & Paterson, H.L. (1989). Geothermal signatures and uranium ore deposits on the Stuart Shelf of South Australia. *Geophysics, 54*(2), 158-170 https://doi.org/10.1190/1.1442640.

Howard_Sass_1964 Howard, L.E., & Sass, J.H. (1964). Terrestrial heat flow in Australia. *Journal of Geophysical Research, 69*(8), 1617-1626 https://doi.org/10.1029/jz069i008p01617.

Hsu_1975 Hsu, K.T. (1975). Glomar challenger returns to the mediterranean sea. *Geotimes, 20*, 16–19.

Hu_1988 Hu, S.-B. (1988). *Heat flow in Fujian province, southeastern China.* (MSc MSc Thesis).

Hu_2001a Hu, S.-B. (2001). Compilation of heat flow data in the China continental area (3rd edition). *Chinese Journal of Geophysics, 44*(5), 611-626 https://doi.org/10.1002/cjg2.180.

Hu_etal._2001 Hu, S.-B., O'Sullivan, P.B., Raza, A., & Kohn, B.P. (2001). Thermal history and tectonic subsidence of the Bohai Basin, northern China: a Cenozoic rifted and local pull-apart basin. *Physics of the Earth and Planetary Interiors, 126*(44289), 221-235 https://doi.org/10.1016/s0031-9201(01)00257-6.

Hu_etal._1992a Hu, S.-B., Qiu, N.-S., & Xiong, L.-P. (1992). Heat flow and temperature field in Zhejiang Province. In *Structure and Geological Evolution of the Lithosphere in Southeast Continent of China* (pp. 257–264).

Hu_etal._1992b Hu, S.-B., Xiong, L.-P., & Wang, J. (1992). Heat flux measurements of boreholes in East Fujian Province. In J.L. Li (Ed.), *Study on Structure and Evolution of Oceanic-continental Lithosphere in Southeast China* (pp. 295–301). Bejing: Chinese Sci. and Technology Publishing House.

Hu_etal._1992c Hu, S.-B., Xiong, L.-P., & Wang, J.H. (1992). Heat flow measurements in Southeast China. In (Vol. 35, pp. 352–361). Beijing: Institute of Geology Chinese Academy of Sciences China Ocean Press.

Hueckel_Kappelmeyer_1965 Hückel, B., & Kappelmeyer, O. (1965). Geothermische Untersuchungen im Saarkarbon. *Zeitschrift der Deutschen Geologischen Gesellschaft, 117*, 280-311 https://doi.org/10.1127/zdgg/117/1966/280.

Huenges_Zoth_1991 Huenges, E., & Zoth, G. (1991). KTB-Oberpfalz KTB-VB: temperature, thermal conductivity and heat flow density, Sci. Drill. 2,81-89. *Scientific Drilling, 2*, 81-89.

Hull_etal._1977 Hull, D.A., Blackwell, D.D., & Bowen, R.G. (1977). *Heat flow study of the Brothers fault zone, Oregon*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.807157

Hurter_Haenel_2002 Hurter, S.J., & Haenel, R. (2002). *Atlas of geothermal resources in Europe*. Brussels, Belgium: Commission of the European Communities Brussels Belgium.

Hurter_Pollack_1996 Hurter, S.J., & Pollack, H.N. (1996). Terrestrial heat flow in the Paraná Basin, southern Brazil. *Journal of Geophysical Research, 101*(B4), 8659-8671 https://doi.org/10.1029/95jb03743.

Hurtig_etal._1991 Hurtig, E., Cermak, V., Haenel, R., & Zui, V.I. (1991). *Geothermal Atlas of Europe*. Gotha, Germany: Hermann & Haack Verlagsgesellschaft https://doi.org/10.1594/pangaea.807578.

Hutchison_etal._1981 Hutchison, I., Louden, K.E., White, R.S., & Von Herzen, R.P. (1981). Heat flow and age of the Gulf of Oman. *Earth and Planetary Science Letters, 56*, 252-262 https://doi.org/10.1016/0012-821x(81)90132-1.

Hutchison_etal._1985 Hutchison, I., Von Herzen, R.P., Louden, K.E., Sclater, J.G., & Jemsek, J.P. (1985). Heat flow in the Balearic and Tyrrhenian basins, western Mediterranean. *Journal of Geophysical Research, 90*(B1), 685-701 https://doi.org/10.1029/JB090iB01p00685.

Hutnak_etal._2008 Hutnak, M., Fisher, A.T., Harris, R.N., Stein, C.A., Wang, K., Spinelli, G.A., Schindler, M., Villinger, H.W., & Silver, E.A. (2008). Large heat and fluid fluxes driven through mid-plate outcrops on ocean crust. *Nature Geoscience, 1*(9), 611-614 https://doi.org/10.1038/ngeo264.

Hyndman_1967 Hyndman, R.D. (1967). Heat flow in Queensland and Northern Territory, Australia. *Journal of Geophysical Research, 72*(2), 527-539 https://doi.org/10.1029/JZ072i002p00527.

Hyndman_1976 Hyndman, R.D. (1976). Heat flow measurements in the inlets of southwestern British Columbia. *Journal of Geophysical Research, 81*(2), 337-349 https://doi.org/10.1029/JB081i002p00337.

Hyndman_etal._1979 Hyndman, R.D., Davis, E.E., & Wright, J.A. (1979). The measurement of marine geothermal heat flow by a multipenetration probe with digital acoustic telemetry and insitu thermal conductivity. *Marine Geophysical Research, 4*(2), 181-205 https://doi.org/10.1594/pangaea.804500.

Hyndman_etal._1974b Hyndman, R.D., Erickson, A.J., & Von Herzen, R.P. (1974). *Geothermal measurements on DSDP Leg 26*. Retrieved from https://doi.org/10.2973/DSDP.PROC.26.113.1974

Hyndman_Everett_1968 Hyndman, R.D., & Everett, J.E. (1968). Heat Flow measurements in a low Radioactivity area of the Western Australian Precambrian Shield. *Geophysical Journal of the Royal Astronomical Society, 14*(44287), 479-486 https://doi.org/10.1111/j.1365-246X.1967.tb06267.x.

Hyndman_etal._1969 Hyndman, R.D., Jaeger, J.C., & Sass, J.H. (1969). Heat flow measurements on the southeast coast of Australia. *Earth and Planetary Science Letters, 7*(1), 12-16 https://doi.org/10.1016/0012-821x(69)90004-1.

Hyndman_etal._1968 Hyndman, R.D., Lambert, I.B., Heier, K.S., Jaeger, J.C., & Ringwood, A.E. (1968). Heat flow and surface radioactivity measurements in the Precambrian Shield of Western Australia. *Physics of the Earth and Planetary Interiors, 1*(2), 129-135 https://doi.org/10.1594/pangaea.804494.

Hyndman_etal._1984 Hyndman, R.D., Langseth Jr, M.G., & Von Herzen, R.P. (1984). A review of Deep Sea Drilling Project geothermal measurements through Leg 71. *Initial Reports of the Deep Sea Drilling Project, 78*(1), 813-823 https://doi.org/10.2973/dsdp.Proc.78b.116.1984.

Hyndman_Lewis_1999 Hyndman, R.D., & Lewis, T.J. (1999). Geophysical consequences of the Cordillera-Craton thermal transition in southwestern Canada. *Tectonophysics, 306*(3-4), 397-422 https://doi.org/10.1016/s0040-1951(99)00068-2.

Hyndman_etal._1982 Hyndman, R.D., Lewis, T.J., Wright, J.A., Burgess, M.M., Chapman, D.S., & Yamano, M. (1982). Queen Charlotte fault zone: heat flow measurements. *Canadian Journal of Earth Sciences, 19*(8), 1657-1669 https://doi.org/10.1139/e82-141.

Hyndman_etal._1974a Hyndman, R.D., Muecke, G.K., & Aumento, F. (1974). Deep Drill 1972. Heat Flow and Heat Production in Bermuda. *Canadian Journal of Earth Sciences, 11*(6), 809-818 https://doi.org/10.1139/e74-081.

Hyndman_Rankin_1972 Hyndman, R.D., & Rankin, D.S. (1972). The Mid-Atlantic Ridge Near 45°N. *Canadian Journal of Earth Sciences, 9*(6), 664-670 https://doi.org/10.1139/e72-056.

Hyndman_etal._1978 Hyndman, R.D., Rogers, G.C., Bone, M.N., Lister, C.R.B., Wade, U.S., Barrett, D.L., Davis, E.E., Lewis, T.J., Lynch, S., & Seemann, D. (1978). Geophysical measurements in the region of the Explorer ridge off western Canada. *Canadian Journal of Earth Sciences, 15*(9), 1508-1525 https://doi.org/10.1139/e78-156.

Hyndman_Sass_1966 Hyndman, R.D., & Sass, J.H. (1966). Geothermal measurements at Mount Isa, Queensland. *Journal of Geophysical Research, 71*(2), 587-601 https://doi.org/10.1029/jz071i002p00587.

Hyndman_etal._1976 Hyndman, R.D., Von Herzen, R.P., Erickson, A.J., & Jolivet, J. (1976). Heat flow measurements in deep crustal holes on the Mid-Atlantic Ridge. *Journal of Geophysical Research, 81*(23), 4053-4060 https://doi.org/10.1029/JB081i023p04053.

Ingebritsen_etal._1993 Ingebritsen, S.E., Scholl, M.A., & Sherrod, D.R. (1993). Heat flow from four new research drill holes in the Western Cascades, Oregon, U.S.A. *Geothermics, 22*(3), 151-163 https://doi.org/10.1016/0375-6505(93)90040-t.

Isaksen_etal._2001 Isaksen, K., Holmlund, P., Sollid, J.L., & Harris, C. (2001). Three deep Alpine-permafrost boreholes in Svalbard and Scandinavia. *Permafrost and Periglacial Processes, 12*(1), 13-25 https://doi.org/10.1002/ppp.380.

Ismail_Yousoff_1985 Ismail, W., & Yousoff, W. (1985). Heat flow study in the Malay basin. *CCOP Technical Bulletin, 15*, 77-87 https://doi.org/10.1594/pangaea.807161.

Jackson_etal._1984 Jackson, H.R., Johnson, G.L., Sundvor, E., & Myhre, A.M. (1984). The Yermak Plateau: Formed at a triple junction. *Journal of Geophysical Research, 89*(B5), 3223-3232 https://doi.org/10.1029/JB089iB05p03223.

Jaeger_1970 Jaeger, J.C. (1970). Heat flow and radioactivity in Australia. *Earth and Planetary Science Letters, 8*(4), 285-292 https://doi.org/10.1016/0012-821x(70)90114-7.

Jaeger_Sass_1963 Jaeger, J.C., & Sass, J.H. (1963). Lees topographic correction in heat flow and the geothermal flux in Tasmania. *Geofisica pura e applicata, 54*(1), 53-63 https://doi.org/10.1007/bf01988254.

Jansen_etal._1996 Jansen, E., Raymo, M., & Blum, P. (1996). North Atlantic–Arctic Gateways II. *Oceanographic Literature Review, 8*(43), 846 https://doi.org/10.2973/odp.Pr.162.1995.

Jaervimaeki_Puranen_1979 Järvimäki, P., & Puranen, M. (1979). Heat flow measurements in Finland. *Terrestrial Heat Flow in Europe*, 172-178 https://doi.org/10.1007/978-3-642-95357-6_16.

Jaupart_etal._1982 Jaupart, C., Mann, J.R., & Simmons, G. (1982). A detailed study of the distribution of heat flow and radioactivity in New Hampshire (U.S.A.). *Earth and Planetary Science Letters, 59*(2), 267-287 https://doi.org/10.1016/0012-821x(82)90131-5.

Jaupart_etal._2014 Jaupart, C., Mareschal, J.-C., Bouquerel, H., & Phaneuf, C. (2014). The building and stabilization of an Archean Craton in the Superior Province, Canada, from a heat flow perspective. *Journal of Geophysical Research, 119*(12), 9130-9155 https://doi.org/10.1002/2014jb011018.

Jaupart_etal._1981 Jaupart, C., Sclater, J.G., & Simmons, G. (1981). Heat flow studies: constraints on the distribution of uranium, thorium and potassium in the continental crust. *Earth and Planetary Science Letters, 52*(2), 328-344 https://doi.org/10.1016/0012-821x(81)90187-4.

Jemsek_etal._1985a Jemsek, J.P., Von Herzen, R.P., Rehault, J.P., Williams, D.L., & Sclater, J.G. (1985). Heat flow and lithospheric thinning in the Ligurian Basin (N.W. Mediterranean). *Geophysical Research Letters, 12*(10), 693-696 https://doi.org/10.1029/GL012i010p00693.

Jessop_Judge_1971 Jessop, A.M., & Judge, A.S. (1971). Five Measurements of Heat Flow in Southern Canada. *Canadian Journal of Earth Sciences, 8*(6), 711-716 https://doi.org/10.1139/e71-069.

Jessop_Lewis_1978 Jessop, A.M., & Lewis, T.J. (1978). Heat flow and heat generation in the superior province of the canadian shield. *Tectonophysics, 50*(1), 55-77 https://doi.org/10.1016/0040-1951(78)90199-3.

Jessop_etal._1984b Jessop, A.M., Lewis, T.J., Judge, A.S., Taylor, A., & Drury, M.J. (1984). Terrestrial heat flow in Canada. *Tectonophysics, 103*(1-4), 231–261 https://doi.org/10.1016/0040-1951(84)90087-8.

Jessop_etal._1984a Jessop, A.M., Souther, J.G., Lewis, T.J., & Judge, A.S. (1984). Geothermal Measurements in Northern British Columbia and the Southern Yukon Territory. *Canadian Journal of Earth Sciences, 21*(5), 599-608 https://doi.org/10.1139/e84-064.

Jessop_Vigrass_1989 Jessop, A.M., & Vigrass, L.W. (1989). Geothermal measurements in a deep well at Regina, Saskatchewan. *Journal of Volcanology and Geothermal Research, 37*(2), 151-166 https://doi.org/10.1016/0377-0273(89)90067-x.

Jiang_etal._2016a Jiang, G.-Z., Gao, P., Rao, S., Zhang, L.-Y., Tang, X.-Y., Huang, F., Zhao, P., Pang, Z., He, L., Hu, S.-B., & Wang, J.-Y. (2016). Compilation of heat flow data in the continental area of China (4th edition). *Chinese Journal of Geophysics, 59*(8), 2892-2910 https://doi.org/10.6038/cjg20160815.

Jiang_etal._2016 Jiang, G.-Z., Tang, X.-Y., Rao, S., Gao, P., Zhang, L.-Y., Zhao, P., & Hu, S.-B. (2016). High-quality heat flow determination from the crystalline basement of the southeast margin of North China Craton. *Journal of Asian Earth Sciences, 118*, 44470 https://doi.org/10.1016/j.jseaes.2016.01.009.

Johnson_etal._1993 Johnson, H.P., Becker, K., & Von Herzen, R.P. (1993). Near-Axis Heat-Flow Measurements on the Northern Juan-De-Fuca Ridge - Implications for Fluid Circulation in Oceanic-Crust. *Geophysical Research Letters, 20*(17), 1875-1878 https://doi.org/10.1029/93gl00734.

Johnson_Hutnak_1997 Johnson, P., & Hutnak, M. (1997). Conductive heat loss in recent eruptions at mid-ocean ridges. *Geophysical Research Letters, 24*(23), 3089-3092 https://doi.org/10.1029/97gl02998.

Johnson_etal._2010 Johnson, P.H., Tivey, M.A., Bjorklund, T.A., & Salmi, M.S. (2010). Hydrothermal circulation within the Endeavour Segment, Juan de Fuca Ridge. *Geochemistry, Geophysics, Geosystems, 11*(5) https://doi.org/10.1029/2009gc002957.

Jones_1987 Jones, M.Q.W. (1987). Heat flow and heat production in the Namaqua Mobile Belt, South Africa. *Journal of Geophysical Research, 92*(B7) https://doi.org/10.1029/JB092iB07p06273.

Jones_1988 Jones, M.Q.W. (1988). Heat flow in the Witwatersrand Basin and environs, and its significance for the South African shield geotherm and lithospheric thickness. *Journal of Geophysical Research, 93*(B4), 3243-3260 https://doi.org/10.1029/JB093iB04p03243.

Jones_1992 Jones, M.Q.W. (1992). Heat-Flow Anomaly in Lesotho - Implications for the Southern Boundary of the Kaapvaal Craton. *Geophysical Research Letters, 19*(20), 2031-2034 https://doi.org/10.1029/92gl02207.

Jongsma_1974 Jongsma, D. (1974). Heat Flow in the Aegean Sea. *Geophysical Journal International, 37*(3), 337-346 https://doi.org/10.1111/j.1365-246X.1974.tb04087.x.

Jordan_etal._2018 Jordan, T.A., Martin, C., Ferraccioli, F., Matsuoka, K., Corr, H., Forsberg, R., Olesen, A., & Siegert, M. (2018). Anomalously high geothermal flux near the South Pole. *Scientific Reports, 8*(1), 16785 https://doi.org/10.1038/s41598-018-35182-0.

Joshima_1984 Joshima, M. (1984). Heat flow measurement in the GH80-5 area. *Geological Survey of Japan / AIST, 20*, 53-66 https://doi.org/10.1594/pangaea.804805.

Joshima_1994 Joshima, M. (1994). Heat flow measurements in the Eastern Japan Sea during GH93 cruise, in 1994. *Japan Earth and Planetary Science Joint Meeting*, 281-282 https://doi.org/10.1594/pangaea.809758.

Joshima_1996 Joshima, M. (1996). Heat flow measurements off Shakotan Peninsula during the R/V Hakurei-maru GH95 cruise. *Japan Earth and Planetary Science Joint Meeting*, 662 https://doi.org/10.1594/pangaea.809759.

Joshima_Honza_1986 Joshima, M., & Honza, E. (1986). Age estimation of the Solomon Sea based on heat flow data. *Geo-Marine Letters, 6*(4), 211-217 https://doi.org/10.1007/bf02239582.

Joshima_Kuramoto_1999 Joshima, M., & Kuramoto, S. (1999). Heat flow measurements in the off Tokai area. *Geological Survey of Japan / AIST, 24*, 81-86 https://doi.org/10.1594/pangaea.808055.

Joyner_1960 Joyner, W.B. (1960). Heat flow in Pennsylvania and West Virginia. *Geophysics, 25*(6), 1229-1241 https://doi.org/10.1190/1.1438811.

Judge_Beck_1967 Judge, A.S., & Beck, A.E. (1967). An anomalous heat flow layer at London, Ontario. 167-170 https://doi.org/10.1016/0012-821x(67)90029-5.

Judge_Beck_1973 Judge, A.S., & Beck, A.E. (1973). Analysis of Heat-Flow Data—Several Boreholes in a Sedimentary Basin. 1494-1507 https://doi.org/10.1139/e73-142.

Kaemmlein_etal._2020 Kämmlein, M., Bauer, W., & Stollhofen, H. (2020). The Franconian Basin thermal anomaly, SE Germany revised: New thermal conductivity and uniformly corrected temperature data. *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften, 171*, 21-44 https://doi.org/10.1127/zdgg/2020/0204.

Kappelmeyer_1967 Kappelmeyer, O. (1967). The geothermal field of the upper Rhinegraben. *Geologisches Landesamt Baden-Württemberg, 6*, 101-103 https://doi.org/10.1594/pangaea.807174.

Kasameyer_etal._1972a Kasameyer, P.W., Von Herzen, R.P., & Simmons, G. (1972). Heat flow, bathymetry, and the mid-atlantic ridge at 43°N. *Journal of Geophysical Research, 77*(14), 2535-2542 https://doi.org/10.1029/JB077i014p02535.

Kasameyer_etal._1972 Kasameyer, P.W., Von Herzen, R.P., & Simmons, G. (1972). Layers of high thermal conductivity in the North Atlantic. *Journal of Geophysical Research, 77*(17), 3162-3167 https://doi.org/10.1029/JB077i017p03162.

Kashkai_Aliev_1974 Kashkai, M.A., & Aliyev, S.A. (1974). Teplovoi Potok V Kurinskoi Depressii (Heat Flow in the Kuria Depression). In *Glubinnyi Teplovoi Potok Evropeiskoi Chasti Sssr* (pp. 95-109).

Kaul_etal._2006 Kaul, N.E., Foucher, J.P., & Heesemann, M. (2006). Estimating mud expulsion rates from temperature measurements on Hakon Mosby Mud Volcano, SW Barents Sea. *Marine Geology, 229*(44228), 41640 https://doi.org/10.1016/j.margeo.2006.02.004.

Kaul_etal._2000 Kaul, N.E., Rosenberger, A., & Villinger, H.W. (2000). Comparison of measured and BSR-derived heat flow values, Makran accretionary prism, Pakistan. *Marine Geology* https://doi.org/10.1016/s0025-3227(99)00125-5.

Khutorskoy_1982b Khutorskoy, M.D. (1982). Teplovoj potok v oblastyah strukturno-geologicheskih neodnorodnostej (Geothermal Prospecting of Deposits in Conditions of Structural and Geological Nonuniformity). [Тепловой поток в областях структурно-геологических неоднородностей]. *Trudy Geologicheskogo Instituta AN SSSR (Proceedings of the Geological Institute, USSR Academic Science), 353*, 79 https://doi.org/10.1594/pangaea.808877.

Khutorskoy_1996 Khutorskoy, M.D. (1996). Geotermiya Tsentral'no-Aziatskogo skladchatogo poyasa Teplovoy potok vdol' (Geothermics of the Central-Asian fold belt). [Геотермия Центрально-Азиатского складчатого пояса]. https://doi.org/10.1594/pangaea.809761.

Khutorskoy_etal._1994 Khutorskoy, M.D., Delgado-Argote, L.A., Fernandez, R., Kononov, V.I., & Polyak, B.G. (1994). Tectonics of the offshore Manzanillo and Tecpan basins, Mexican Pacific, from heat flow, bathymetric and seismic data. *Geofisica Internacional, 33*(1), 161-185 https://doi.org/10.22201/igeof.00167169p.1994.33.1.547

Khutorskoy_etal._1990 Khutorskoy, M.D., Fernandez, R., Kononov, V.I., Polyak, B.G., Matveev, V.G., & Rot, A.A. (1990). Heat flow through the sea bottom around the Yucatan Peninsula. *Journal of Geophysical Research: Solid Earth, 95*(B2), 1223-1237 https://doi.org/https://doi.org/10.1029/JB095iB02p01223.

Khutorskoy_etal._1986a Khutorskoy, M.D., Golubev, V.A., Kozlovtseva, S.V., & Timareva, S.V. (1986). Glubokiy teplovoy potok v Mongol'skoy Narodnoy Respublike – regional'naya kharakteristika i evolyutsiya (Deep heat flow of Mongolia - regional characteristics and evolution). [Глубокий тепловой поток в Монгольской Народной Республике]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences), 291*(4), 939-944 https://doi.org/10.1594/pangaea.809077.

Khutorskoy_etal._2009 Khutorskoy, M.D., Leonov, Y.G., Ermakov, A.V., & Akhmedzyanov, V.R. (2009). Anomal'nyy teplovoy potok i priroda zhelobov v severnoy chasti Sval'bardskoy plity (Abnormal heat flow and the nature of the troughs in the northern part of the Svalbard Plate). [Аномальный тепловой поток и природа желобов в северной части Свальбардской плиты]. *Dokl. Academy of Sciences of the USSR, 424*(1-2), 29-35, 227-233 https://doi.org/10.1134/s1028334x09010073.

Khutorskoy_etal._1982 Khutorskoy, M.D., Margolin, E.M., Muraviev, A.V., & Shilnikov, A.M. (1982). Teplovoe pole mestorozhdeniya akchatau, zentralni Kazakhstan. (Thermal field of the Akchatau field, central Kazakhstan). [Тепловое поле месторождения акчатау (центральный казахстан)]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences)*(8), 143-149.

Khutorskoy_etal._2003 Khutorskoy, M.D., Podgornykh, L.V., Gramberg, I.S., & Leonov, Y.G. (2003). Thermal tomography of the West Arctic basin. *Geotectonics, 37*(3), 245-260 https://doi.org/10.1594/pangaea.809076.

Khutorskoy_Yarmoluk_1989 Khutorskoy, M.D., & Yarmoluk, V.V. (1989). Heat flow, structure and evolution of the lithosphere of Mongolia. *Tectonophysics, 164*(2-4), 315-322 https://doi.org/10.1016/0040-1951(89)90024-3.

Kido_etal._1993 Kido, M., Kinoshita, H., & Seno, T. (1993). *Heat Flow Measurements in the Ayu Trough*. Retrieved from

Kido_etal._2004 Kido, M., Kinoshita, H., & Seno, T. (2004). [Personal communication, 1996. In: CD Rom: Geothermal Gradient and Heat Flow Data in and around Japan. Geological Survey of Japan, AIST, 2004].

Kim_Lee_2007 Kim, H.C., & Lee, Y.-M. (2007). Heat flow in the Republic of Korea. *Journal of Geophysical Research*(B5) https://doi.org/10.1029/2006jb004266.

Kim_etal._2010 Kim, Y.-G., Lee, S.-M., & Matsubayashi, O. (2010). New heat flow measurements in the Ulleung Basin, East Sea (Sea of Japan): relationship to local BSR depth, and implications for regional heat flow distribution. *Geo-Marine Letters*(6), 595-603 https://doi.org/10.1007/s00367-010-0207-x.

King_Simmons_1972 King, W., & Simmons, G. (1972). Heat flow near Orlando, Florida and Uvalde, Texas determined from well cuttings. *Geothermics, 1*(4), 133-139 https://doi.org/10.1016/0375-6505(72)90021-1.

Kinoshita_etal._1989 Kinoshita, H., Kasumi, Y., & Baba, H. (1989). Report on DELP 1987 Cruises in the Ogasawara Area : Part VI: Heat Flow Measurements. *Bulletin of the Earthquake Research Institute, 64*, 223-232 https://doi.org/10.1594/pangaea.807194.

Kinoshita_Yamano_1986 Kinoshita, H., & Yamano, M. (1986). The heat flow anomaly in the Nankai Trough area. *Initial Reports of the Deep Sea Drilling Project, 87*, 737-743 https://doi.org/10.2973/dsdp.proc.87.121.1986.

Kinoshita_1987 Kinoshita, M. (1987). *Heat flow measurements in some western Pacific trench-arc-backarc systems and their interpretation.* Retrieved from https://doi.pangaea.de/10.1594/pangaea.809762 Available from http://heatflow.org/thermoglobe/publications/f4f3280a-6ab4-4c21-bd61-963d2d9e7a9b

Kinoshita_1990 Kinoshita, M. (1990). *Heat flow anomaly in some western Pacific trench-arc-backarc systems associated with interstitial water circulation.* (Ph.D.). Retrieved from https://doi.pangaea.de/10.1594/pangaea.809763 Available from http://heatflow.org/thermoglobe/publications/b9d734cf-6d92-47ab-b4b0-8795dea9d2f7

Kinoshita_etal._2006 Kinoshita, M., Kawada, Y., Tanaka, A., & Urabe, T. (2006). Recharge/discharge interface of a secondary hydrothermal circulation in the Suiyo Seamount of the Izu-Bonin

arc, identified by submersible-operated heat flow measurements. *Earth and Planetary Science Letters, 245*(44289), 498-508 https://doi.org/10.1016/j.epsl.2006.02.006.

Kinoshita_Yamano_1995 Kinoshita, M., & Yamano, M. (1995). Heat flow distribution in the Nankai Trough region. In *Geology and Geophysics of the Philippine Sea* (pp. 77-86).

Kinoshita_Yamano_1997 Kinoshita, M., & Yamano, M. (1997). Hydrothermal regime and constraints on reservoir depth of the Jade site in the Mid-Okinawa Trough inferred from heat flow measurements. *Journal of Geophysical Research, 102*(B2), 3183-3194 https://doi.org/10.1029/96jb03556.

Kinoshita_etal._1991a Kinoshita, M., Yamano, M., Kasumi, Y., & Baba, H. (1991). Report on DELP 1988 cruises in the Okinawa Trough. Part 8: Heat flow measurements. *Bulletin of the Earthquake Research Institute, 66*, 221-228.

Kinoshita_etal._1991 Kinoshita, M., Yamano, M., & Makita, S. (1991). High Heat-Flow Anomaly around Hatsushima Biological Community in the Western Sagami Bay, Japan. *Journal of Physics of the Earth, 39*(4), 553-571 https://doi.org/10.4294/jpe1952.39.553.

Kinoshita_etal._1990 Kinoshita, M., Yamano, M., Post, J., & Halbach, P. (1990). Heat flow measurements in the southern and middle Okinawa Trough on R/V Sonne in 1988. *Bulletin of the Earthquake Research Institute, 65*(3), 571-588 https://doi.org/10.1594/pangaea.807198.

Kitajima_etal._2001 Kitajima, T., Kobayashi, Y., Ikeda, R., Iio, Y., & Omura, K. (2001). Terrestrial heat flow at Hirabayashi on Awaji Island, south-west Japan. *Island Arc, 10*(44289), 318-325 https://doi.org/10.1111/j.1440-1738.2001.00330.x.

Kitajima_etal._1997 Kitajima, T., Kobayashi, Y., Suzuki, H., Ikeda, R., Omura, K., Kasahara, K., & Okada, Y. (1997). *Thermal structure and earthquakes beneath the Kanto district.* Paper presented at the Japan Earth and Planetary Science Joint Meeting.

Kobolev_etal._1993 Kobolev, V.P., Kutas, R.I., Tsvyashchenko, V.A., Kravchuk, O.P., & Bevzyuk, M.I. (1993). Geotermal'nyye issledovaniya na severo-zapade Chernogo morya (Geothermal studies in the Northwestern Black Sea). [Геотермальные исследования на северо-западе Черного моря]. *Geofizicheskiy Zhurnal (Geophysical Journal), 15*(3), 61-72 https://doi.org/10.1594/pangaea.809078.

Kolandaivelu_etal._2017 Kolandaivelu, K.P., Harris, R.N., Lowell, R.P., Alhamad, A., & Hobbs, R.W. (2017). Analysis of a conductive heat flow profile in the Ecuador Fracture Zone. *Earth and Planetary Science Letters, 467*, 120-127 https://doi.org/10.1016/j.epsl.2017.03.024.

Kondyurin_Sochelnikov_1983 Kondyurin, A.V., & Sochelnikov, V.V. (1983). Geotermicheskii Potok V Zapadnoi Chasti Chernogo Morya (Geothermal Stream in the Western and Parts of the Black Sea). [Геотермический Поток В ЗападноиЧасти Черного Моря)]. *Okeanologiya (Oceanology), 23*(4), 622-627 https://doi.org/10.1594/pangaea.808878.

Kono_Kobayashi_1971 Kono, Y., & Kobayashi, Y. (1971). Terrestrial heat flow in Hokuriku district, central Japan. *Science Reports of Kanazawa University, 16*, 61-72 https://doi.org/10.1594/pangaea.809774.

Kononov_etal._1990 Kononov, V.I., Zverev, V.P., Khutorskoy, M.D., Augustynyak, O.V., Bogatyrev, D.B., Buiss, F., Butuzova, G.Y., Bylinskaya, M.E., Voznesensky, A.I., D.V.Grichuk, V.I.Yard, V.P.Zinkevich, A.Kriyu, D.I.Kudryavtsev, Matveev, V.G., Paduchikh, V.G., Polyak, B.G., Porshnev, N.V., Prilutskaya, T.A., Radionova, E.P., Roth, A.A., Simonov, I.L., Tolstikhin, I.N., & Fernandez, R. (1990). Geotermal'naya aktivnost' i osadochnyy protsess v Karibsko-Meksikanskom regione (Geothermal Activity and Sedimentary Process in the Caribbean-Mexican Region). In K.A.L.K.A.V.T. P.P.; (Ed.), *Proceedings of the Geological Institute. Issue 448. Geothermal Activity and Sedimentary Process in the Caribbean-Mexico Region* (Vol. 448, pp. 192). Moscow: Nauka.

Kopf_etal._2006 Kopf, A.J., Alves, T., Heesemann, B., Irving, M., Kaul, N.E., Kock, I., Krastel, S., Reichelt, M., Schaefer, R., Stegmann, S., Strasser, M., & Thoelen, M. (2006). *Report and preliminary results of poseidon cruise P336: Crests-Cretan Sea tectonics and sedimentation* https://doi.org/10.1594/pangaea.805110.

Korgen_etal._1971 Korgen, B.J., Bodvarsson, G., & Mesecar, R.S. (1971). Heat Flow through the Floor of the Cascadia Basin. *Journal of Geophysical Research, 76*(20), 4758-4774 https://doi.org/10.1029/JB076i020p04758.

Kostadinoff_Reartes_1993 Kostadinoff, J., & Reartes, W.A. (1993). *Medicirn e interpretaci6n del flujo de calor terrestre en el sur de la provincia de Buenos Aires* (Vol. 48).

Kral_etal._1985 Kral, M., Lizon, I., & Janci, J. (1985). Geotermicky vyskrum ssr. zav. sprava za roky 1981 az 1985 (in Slovak).

Kubik_etal._1986 Kubík, J., Cermak, V., & Janáčková, A. (1986). Heat flow in the Upper Silurian coal basin: re-evaluation of data with special attention to the lithology. *Studia Geophysica et Geodaetica, 30*(4), 376-393 https://doi.org/10.1594/pangaea.809775.

Kukkonen_1988 Kukkonen, I.T. (1988). Terrestrial heat flow and groundwater circulation in the bedrock in the central Baltic Shield. *Tectonophysics, 156*(44228), 59-74

https://doi.org/10.1016/0040-1951(88)90283-1.

Kukkonen_1989 Kukkonen, I.T. (1989). Terrestrial heat flow and radiogenic heat production in Finland, the central Baltic shield. *Tectonophysics, 164*(44288), 210-230 https://doi.org/10.1016/0040-1951(89)90015-2.

Kukkonen_1993 Kukkonen, I.T. (1993). Heat-Flow Map of Northern and Central Parts of the Fennoscandian Shield Based on Geochemical Surveys of Heat Producing Elements. *Tectonophysics, 225*(44228), 41334 https://doi.org/10.1016/0040-1951(93)90243-d.

Kukkonen_etal._1998 Kukkonen, I.T., Gosnold Jr, W.D., & Safanda, J. (1998). Anomalously low heat flow density in eastern Karelia, Baltic Shield: a possible palaeoclimatic signature. *Tectonophysics*(44287), 235-249 https://doi.org/10.1016/s0040-1951(98)00043-2.

Kukkonen_etal._2011 Kukkonen, I.T., Rath, V., Kivekas, L., Safanda, J., & Cermak, V. (2011). Geothermal studies of the Outokumpu Deep Drill Hole, Finland: Vertical variation in heat flow and palaeoclimatic implications. *Physics of the Earth and Planetary Interiors, 188*(44228), 45901 https://doi.org/10.1016/j.pepi.2011.06.002.

Kunze_Marlor_1982 Kunze, J.F., & Marlor, J.K. (1982). *Industrial food processing and space heating with geothermal heat*. Retrieved from

Kurchikov_1982 Kurchikov, A.R. (1982). Paleogeotermicheskie Usloviya Formirovaniya Zon Preimu-Shchestvennogo Nefte- (Paleogeothermal Conditions for the Formation of Zones of Preferential Oil). [Палеогеотермические Условиыа Формированиыа Зон Преиму-Щественного Нефте-]. *Problemy Nefti I Gaza Tumeny (Oil and Gas Problems Tyumen)*.

Kurchikov_Stavitsky_1981 Kurchikov, A.R., & Stavitsky, B.P. (1981). Teplovoy Potok V Predelakh Zapadno-sibir-Skoy Plity (Heat flow within the Western Siberian Plate). [Тепловоы Поток, В.П.ределакх Западно-сибир- Скоы Плиты]. *Problemy Nefti I Gaza Tumeny (Oil and Gas Problems Tyumen)*(51), 11-14.

Kurchikov_Stavitsky_1987 Kurchikov, A.R., & Stavitsky, B.P. (1987). Geotermiya neftegazonosnykh oblastey zapadnoy sibiri - moscow (Geothermy of oil and gas bearing regions of western siberia). [Геотермиыа нефтегазоносныкх областеы западноы сибири - мосцоw]. *Izdatelstvo nedra (Subsoil publishing house)*, 134.

Kutas_etal._1981 Kutas, R.I., Bevzyuk, M.I., & Mikhailyuk, S.F. (1981). Metodika I Rezultaty Op-Redeleniya Teplovykh Potokov Na Ukrainskom Shchite I Ego Sklonakh (Methodology and Results of Heat Flux Determination on the Ukrainian Shield and its Slopes). [Методика И Результаты Оп-Ределения Тепловых Потоков На Украинском Щите И Его Склонах]. *Geofizicheskiy Zhurnal (Geophysical Journal), 3*(1), 22-29.

Kutas_etal._1979 Kutas, R.I., Bevzyuk, M.I., & Vygovsky, V.F. (1979). Heat flow and heat transfer conditions in the bottom sediments of the equatorial indian ocean. *Geothermics, 8*(1), 31-36 https://doi.org/10.1016/0375-6505(79)90064-6.

Kutas_Gordienko_1970 Kutas, R.I., & Gordienko, V.V. (1970). Teplovoe Pole I Glubinnoe Stroenie Vos-Tochnykh Karpat (Thermal Field And Deep Structure of the Eastern Carpathians). [Тепловое Поле И Глубинное Строение Вос-Точных Карпат]. *Geofizicheskii Sbornik*, 29-41.

Kutas_Gordienko_1971 Kutas, R.I., & Gordienko, V.V. (1971). Teplovoe Pole Ukrainy (Thermal Field of Ukraine). [Тепловое Поле Украины]. *Kiev Naukova Dumka (Scientific Thought)*, 140.

Kutas_Gordienko_1973 Kutas, R.I., & Gordienko, V.V. (1973). Novye Dannye O Teplovom Potoke Yugo-Zapadnoi Chasti Ukrainy (New Data on Heat Flow of the South-Western Part of Ukraine). [Новые Данные О Тепловом Потоке Юго-Западной Части Украины]. *Geofiziczeskii Sbornik, 56*, 35-40.

Kutas_etal._1975a Kutas, R.I., Gordienko, V.V., & Bevzyuk, M.I. (1975). Izmerenie Teplovykh Po-Tokov Na Territorii Yugo-Zapada Vostochno-Evropeiskoi Platformy (Measuring Heat Flows in the Southwest Territory of the East European Platform). [Измерение Тепловых Потоков На Территории Юго-Запада Восточно-Европейской Платформы]. *Geofizicheskiy sbornik, Kiyev (Geophysical collection, Kiev), 64*, 73.

Kutas_etal._1975b Kutas, R.I., Gordienko, V.V., Bevzyuk, M.I., & Zavgorodnyaya, O.V. (1975). No-Vye Opredeleniya Teplovogo Potoka V Karpatskom Regione (New Heat Flow Determination in the Carpathian Region). [Новый Определения Теплового Потока В Карпатском Регионе]. *Geofizicheskiy sbornik, Kiyev (Geophysical collection, Kiev), 63*, 68.

Kutas_etal._1972 Kutas, R.I., Gordienko, V.V., & Zavgorodnyaya, O.V. (1972). Teplovoi Potok Uk-Rainskogo Shchita I Ego Sklonov (Heat Flow of the Ukrainian Shield and Its Slopes). [Тепловой Поток Украинского Щита И Его Склонов]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences)*, 63-65.

Kutas_etal._2003 Kutas, R.I., Kobolev, V.P., Bevzyuk, M.I., & Kravchuk, O.P. (2003). Novyye opredeleniya teplovogo potoka v severo-zapadnoy chasti Chernogo morya (New heat flow determinations in the northwestern Black Sea). [Новые определения теплового

потока, В.С.еверо-западной части Черного моря]. *Geofizicheskiy Zhurnal (Geophysical Journal), 2*, 48-52 https://doi.org/10.1594/pangaea.809108.

Kutas_etal._1999 Kutas, R.I., Kobolev, V.P., Tsvyashchenko, V.A., Bevzyuk, M.I., & Kravchuk, O.P. (1999). Rezul'taty opredeleniy teplovogo potoka v severo-zapadnoy chasti basseyna Chernogo morya (Results of heat flow determinations in the northwestern Black Sea basin). [Результаты определений теплового потока, В.С.еверо-западной части бассейна Черного моря]. *Geofizicheskiy Zhurnal (Geophysical Journal), 2*, 38-51 https://doi.org/10.1594/pangaea.809090.

Kutas_etal._1992 Kutas, R.I., Kobolev, V.P., Tsvyashchenko, V.A., Vasilyev, A.D., & Kravchuk, O.P. (1992). New determination of heat flow in the Bulgarian sector of the Black Sea (in Ukranian). *Dopovidi Akademii nauk Ukrainy (Reports of the National Academy of Sciences of Ukraine), 7*, 104-107 https://doi.org/10.1594/pangaea.809089.

Kutas_Poort_2008 Kutas, R.I., & Poort, J. (2008). Regional and local geothermal conditions in the northern Black Sea. *International Journal of Earth Sciences, 97*(2), 353-363 https://doi.org/10.1007/s00531-007-0216-9.

Kuzmin_etal._1972 Kuzmin, V.A., Suzyumov, A.E., & Bezlyudov, A.V. (1972). Geotermicheskie issledovanija na plato Manihiki i hrebte Markus-Nekker (Tihij okean) (Geothermal research on the Manihiki plateau and the Markus-Necker ridge (Pacific Ocean)). [Геотермические исследования на плато Манихики и хребте Маркус-Неккер (Тихий океан)]. *Okeanologiya (Oceanology), 12*(6), 1044-1046 https://doi.org/10.1594/pangaea.809778.

Lachenbruch_1957 Lachenbruch, A.H. (1957). Thermal effects of the ocean on permafrost. *Geological Society of America Bulletin, 68*(11), 1515-1530 https://doi.org/10.1130/0016-7606(1957)68%5b1515:Teotoo%5d2.0.Co;2.

Lachenbruch_Marshall_1966 Lachenbruch, A.H., & Marshall, B.V. (1966). Heat flow through the Arctic Ocean Floor: The Canada Basin-AlphaRise Boundary. *Journal of Geophysical Research, 71*(4), 1223-1248 https://doi.org/10.1029/JZ071i004p01223.

Lachenbruch_Marshall_1968 Lachenbruch, A.H., & Marshall, B.V. (1968). Heat flow and water temperature fluctuations in the Denmark Strait. *Journal of Geophysical Research, 73*(18), 5829-5842 https://doi.org/10.1029/JB073i018p05829.

Lachenbruch_Sass_1980 Lachenbruch, A.H., & Sass, J.H. (1980). Heat flow and energetics of the San Andreas Fault Zone. *Journal of Geophysical Research* https://doi.org/10.1029/JB085iB11p06185.

Lachenbruch_etal._1985 Lachenbruch, A.H., Sass, J.H., & Galanis Jr, S.P. (1985). Heat flow in southernmost California and the origin of the salton trough. *Journal of Geophysical Research, 90*(B8), 6709-6736 https://doi.org/10.1029/JB090iB08p06709.

Lachenbruch_etal._1982 Lachenbruch, A.H., Sass, J.H., Marshall, B.V., & Moses Jr, T.H. (1982). Permafrost, heat flow, and the geothermal regime at Prudhoe Bay, Alaska. *Journal of Geophysical Research, 87*(B11), 9301-9316 https://doi.org/10.1029/JB087iB11p09301.

Lachenbruch_etal._1976 Lachenbruch, A.H., Sass, J.H., Munroe, R.J., & Moses Jr, T.H. (1976). Geothermal setting and simple heat conduction models for the Long Valley Caldera. *Journal of Geophysical Research, 81*(5), 769-784 https://doi.org/10.1029/JB081i005p00769.

Lachenbruch_etal._1976a Lachenbruch, A.H., Sorey, M.L., Lewis, R.E., & Sass, J.H. (1976). The near-surface hydrothermal regime of Long Valley Caldera. *Journal of Geophysical Research, 81*(5), 763-768 https://doi.org/10.1029/JB081i005p00763.

Landstroem_etal._1980 Landstroem, O., Larson, S.A., Lind, G., & Malmqvist, D. (1980). Geothermal investigations in the Bohus granite area in southwestern Sweden. *Tectonophysics, 64*(44228), 131-162 https://doi.org/10.1016/0040-1951(80)90266-8.

Langseth_etal._1992 Langseth Jr, M.G., Becker, K., Von Herzen, R.P., & Schultheiss, P. (1992). Heat and Fluid Flux through Sediment on the Western Flank of the Mid-Atlantic Ridge - a Hydrogeological Study of North Pond. *Geophysical Research Letters, 19*(5), 517-520 https://doi.org/10.1029/92gl00079.

Langseth_Grim_1964 Langseth Jr, M.G., & Grim, P.J. (1964). New heat-flow measurements in the Caribbean and western Atlantic. *Journal of Geophysical Research, 69*(22), 4916-4917 https://doi.org/10.1029/JZ069i022p04916.

Langseth_etal._1965 Langseth Jr, M.G., Grim, P.J., & Ewing, M. (1965). Heat flow measurements in the East Pacific Ocean. *Journal of Geophysical Research, 70*(2), 367-380 https://doi.org/10.1029/JZ070i002p00367.

Langseth_Herman_1981 Langseth Jr, M.G., & Herman, B.M. (1981). Heat transfer in the oceanic crust of the Brazil Basin. *Journal of Geophysical Research, 86*(B11), 10805-10819 https://doi.org/10.1029/JB086iB11p10805.

Langseth_Hobart_1976 Langseth Jr, M.G., & Hobart, M.A. (1976). Interpretation of heat flow measurements in the Vema Fracture Zone. *Geophysical Research Letters, 3*(5), 241-244 https://doi.org/10.1029/GL003i005p00241.

Langseth_etal._1980 Langseth Jr, M.G., Hobart, M.A., & Horai, K.-I. (1980). Heat flow in the Bering Sea.

Journal of Geophysical Research, 85(B7), 3740-3750 https://doi.org/10.1029/JB085iB07p03740.

Langseth_Ludwig_1983 Langseth Jr, M.G., & Ludwig, W.J. (1983). A heat flow measurement on the Falkland Plateau. *Initial Reports of the Deep Sea Drilling Project, 71*, 299-303 https://doi.org/10.2973/dsdp.proc.71.109.1983.

Langseth_etal._1972 Langseth Jr, M.G., Malone, I.E., & Bookman, C.A. (1972). *Sea Floor Geothermal Measurements from VEMA Cruise 25*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.805039

Langseth_etal._1970 Langseth Jr, M.G., Malone, I.E., & Breger, D. (1970). *Sea Floor Geothermal Measurements from VEMA Cruise 23*. Retrieved from https://doi.org/10.7916/d8-95pr-tc68

Langseth_etal._1971 Langseth Jr, M.G., Malone, I.E., & Breger, D. (1971). *Sea floor geothermal measurements form Vema cruise 24*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.805040

Langseth_etal._1974 Langseth Jr, M.G., Malone, I.E., Ongley, L.K., Bookman, C.A., & Fiske III, J.R. (1974). *Sea floor geothermal measurements from Vema cruise 26*. Retrieved from New York: https://doi.org/10.7916/d8-a7ec-ez26

Langseth_etal._1988b Langseth Jr, M.G., Mottl, M.J., Hobart, M.A., & Fisher, A.T. (1988). The distribution of geothermal and geochemical gradients near site 501/504: Implications for hydrothermal circulation in the oceanic crust. *Proceedings of the Deep Sea Drilling Program, 111*(2), 23–32 https://doi.org/10.2973/odp.proc.ir.111.102.1988.

Langseth_etal._1966 Langseth Jr, M.G., Pichon, X.L., & Ewing, M. (1966). Crustal structure of the mid-ocean ridges. 5. Heat flow through the Atlantic Ocean floor, and convection currents. *Journal of Geophysical Research, 71*(22), 5321-5355 https://doi.org/10.1029/JZ071i022p05321.

Langseth_Silver_1996 Langseth Jr, M.G., & Silver, E.A. (1996). The Nicoya convergent margin—a region of exceptionally low heat flow. *Geophysical Research Letters, 23*(8), 891-894 https://doi.org/10.1029/96gl00733.

Langseth_Taylor_1967 Langseth Jr, M.G., & Taylor, P.T. (1967). Recent heat flow measurements in the Indian Ocean. *Journal of Geophysical Research, 72*(24), 6249-6260 https://doi.org/10.1029/JZ072i024p06249.

Langseth_etal._1988a Langseth Jr, M.G., Westbrook, G.K., & Hobart, M.A. (1988). Geophysical survey of a mud volcano seaward of the Barbados ridge accretionary complex. *Journal of Geophysical Research, 93*(B2), 1049-1061 https://doi.org/10.1029/JB093iB02p01049.

Langseth_etal._1990 Langseth Jr, M.G., Westbrook, G.K., & Hobart, M.A. (1990). Contrasting geothermal regimes of the Barbados Ridge accretionary complex. *Journal of Geophysical Research, 95*(B6), 8829-8843 https://doi.org/10.1029/JB095iB06p08829.

Langseth_Zielinski_1974 Langseth Jr, M.G., & Zielinski, G.W. (1974). Marine heat flow measurements in the Norwegian–Greenland Sea and in the vicinity of Iceland. In L. Kristjansson (Ed.), *Geodynamics of Iceland and the North Atlantic Area* (Vol. 11, pp. 277-295). Dordrecht: Springer.

Lavenia_1967 Lavenia, A. (1967). Heat flow measurements through bottom sediments in the southern Adriatic Sea. *Bollettino di geofisica teorica ed applicata, 9*(36), 323-332 https://doi.org/10.1594/pangaea.808058.

Law_etal._1965 Law, L.K., Paterson, W.S.B., & Whitham, K. (1965). Heat flow determinations in the Canadian arctic archipelago. *Canadian Journal of Earth Sciences, 2*(2), 59-71 https://doi.org/10.1139/e65-006.

Lawver_1975 Lawver, L.A. (1975). History of geothermal observations in the Gulf of California. In *Memorias de la Primera Reunión de Los Centros de Investigación de Baja California Y la Institución Scripps de Oceanografía* (Vol. 1).

Lawver_etal._1991 Lawver, L.A., Della Vedova, B., & Von Herzen, R.P. (1991). Heat-Flow in Jane Basin, Northwest Weddell Sea. *Journal of Geophysical Research, 96*(B2), 2019-2038 https://doi.org/10.1029/90jb01721.

Lawver_etal._1995 Lawver, L.A., Keller, G.R., Fisk, M.R., & Strelin, J.A. (1995). Bransfield Strait, Antarctic Peninsula Active Extension behind a Dead Arc. In B. Taylor (Ed.), *Backarc Basins* (pp. 315-342): Springer.

Lawver_etal._1982 Lawver, L.A., Loy, W., Sclater, J.G., & Von Herzen, R.P. (1982). Heat flow in the east Scotia Sea. *Antarctic Journal of the United States, 16*(5), 106-107 https://doi.org/10.1594/pangaea.809794.

Lawver_etal._1973 Lawver, L.A., Sclater, J.G., Henyey, T.L., & Rogers, J. (1973). Heat flow measurements in the southern portion of the Gulf of California. *Earth and Planetary Science Letters, 19*(2), 198-208 https://doi.org/10.1016/0012-821x(73)90115-5.

Lawver_Taylor_1987 Lawver, L.A., & Taylor, P.T. (1987). *Heat flow off Sumatra*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.807226

Lawver_Williams_1979 Lawver, L.A., & Williams, D.L. (1979). Heat flow in the central Gulf of California. *Journal of Geophysical Research, 84*(B7), 3465-3478

https://doi.org/10.1029/JB084iB07p03465.

Lawver_etal._1975 Lawver, L.A., Williams, D.L., & Von Herzen, R.P. (1975). A major geothermal anomaly in the Gulf of California. *Nature*(5521), 23-28 https://doi.org/10.1038/257023a0.

Lawver_etal._1994 Lawver, L.A., Williams, T., & Sloan, B. (1994). Seismic stratigraphy and heat flow of Powell Basin. *Terra Antartica, 1*(2), 309-310 https://doi.org/10.1594/pangaea.805003.

LeGal_etal._2018 Le Gal, V., Lucazeau, F., Cannat, M., Poort, J., Monnin, C., Battani, A., Fontaine, F., Goutorbe, B., Rolandone, F., Poitou, C., Blanc-Valleron, M.M., Piedade, A., & Hipólito, A. (2018). Heat flow, morphology, pore fluids and hydrothermal circulation in a typical Mid-Atlantic Ridge flank near Oceanographer Fracture Zone. *Earth and Planetary Science Letters*, 423-433 https://doi.org/10.1016/j.epsl.2017.11.035.

LeMarne_Sass_1962 Le Marne, A.E., & Sass, J.H. (1962). Heat flow at Cobar, New South Wales. *Journal of Geophysical Research, 67*(10), 3981-3983 https://doi.org/10.1029/JZ067i010p03981.

LePichon_etal._1971 Le Pichon, X., Eittreim, S.L., & Ludwig, W.J. (1971). Sediment transport and distribution in the Argentine Basin. 1. Antarctic Bottom Current passage through the Falkland fracture zone. *Physics and Chemistry of the Earth, 8*, 3-10 https://doi.org/10.1016/0079-1946(71)90013-9.

Lee_Cheng_1986 Lee, C.R., & Cheng, W.T. (1986). *Preliminary heat flow measurements in Taiwan.* Paper presented at the Fourth Circum-Pacific Energy and Mineral Resources Conference.

Lee_1983 Lee, T.-C. (1983). Heat flow through the San Jacinto fault zone, southern California. *Geophysical Journal International, 72*(3), 721-731 https://doi.org/10.1111/j.1365-246X.1983.tb02829.x.

Lee_Henyey_1975 Lee, T.-C., & Henyey, T.L. (1975). Heat flow through the Southern California Borderland. *Journal of Geophysical Research, 80*(26), 3733-3743 https://doi.org/10.1029/JB080i026p03733.

Lee_VonHerzen_1975 Lee, T.-C., & Von Herzen, R.P. (1975). Heat flow near the South Atlantic Triple Junction, 55°S, 0°E. *Geophysical Research Letters, 2*(6), 201-204 https://doi.org/10.1029/GL002i006p00201.

Lee_VonHerzen_1977 Lee, T.-C., & Von Herzen, R.P. (1977). A composite trans-Atlantic heat flow profile between 20° and 35°. *Earth and Planetary Science Letters, 35*, 123-133 https://doi.org/10.1016/0012-821x(77)90035-8.

Lee_Deming_1999 Lee, Y.-M., & Deming, D. (1999). Heat flow and thermal history of the Anadarko Basin and the western Oklahoma Platform. *Tectonophysics, 313*(4), 399-410 https://doi.org/10.1016/s0040-1951(99)00210-3.

Lee_etal._1996 Lee, Y.-M., Deming, D., & Chen, K.F. (1996). Heat flow and heat production in the Arkoma Basin and Oklahoma Platform, southeastern Oklahoma. *Journal of Geophysical Research, 101*(B11), 25387-25401 https://doi.org/10.1029/96jb02532.

Lekuthai_etal._1995 Lekuthai, T., Charusirisawad, R., & Vacher, M. (1995). Heat flow map of the Gulf of Thailand. *CCOP Technical Bulletin, 25*, 63-78 https://doi.org/10.1594/pangaea.807242.

Leney_Wilson_1955 Leney, G.W., & Wilson, J.T. (1955). Preliminary investigations of rock conductivity and terrestrial heat flow in southeastern Michigan. *Geological Society of America Bulletin, 66*(12).

Lesquer_etal._1989 Lesquer, A., Bourmatte, A., Ly, S., & Dautria, J.M. (1989). First heat flow determination from the central Sahara: relationship with the Pan-African belt and Hoggar domal uplift. *Journal of African Earth Sciences*(1), 41-48 https://doi.org/10.1016/0899-5362(89)90006-7.

Lesquer_etal._1983 Lesquer, A., Pagel, M., Orsini, J.-B., & Bonin, B. (1983). Premières déterminations du flux de chaleur et de la production de chaleur en Corse. *Comptes Rendus Geoscience, 297*(6), 491-494.

Lesquer_Vasseur_1992 Lesquer, A., & Vasseur, G. (1992). Heat-flow constraints on the west African lithosphere structure. *Geophysical Research Letters, 19*(6), 561-564 https://doi.org/10.1029/92gl00263.

Lesquer_etal._1991 Lesquer, A., Villeneuve, J.C., & Bronner, G. (1991). Heat-Flow Data from the Western Margin of the West African Craton (Mauritania). *Physics of the Earth and Planetary Interiors, 66*(44289), 320-329 https://doi.org/10.1016/0031-9201(91)90087-x.

Levitte_etal._1984 Levitte, D., Maurath, G., & Eckstein, Y. (1984). Terrestrial heat flow in a 3.5 km deep borehole in the Jordan–Dead Sea rift valley. *Geological Society of America Bulletin, 16*(6), 575 https://doi.org/10.1594/pangaea.809797.

Levy_etal._2010 Levy, F., Jaupart, C., Mareschal, J.-C., Bienfait, G., & Limare, A. (2010). Low heat flux and large variations of lithospheric thickness in the Canadian Shield. *Journal of Geophysical Research, 115*(B6) https://doi.org/10.1029/2009jb006470.

Lewis_1983 Lewis, B.T.R. (1983). Temperatures, heat flow and lithospheric cooling at the mouth of the Gulf of California. *Initial Reports of the Deep Sea Drilling Project, 65*, 343-355

https://doi.org/10.2973/dsdp.proc.65.109.1983.

Lewis_Hyndman_1976 Lewis, J.F., & Hyndman, R.D. (1976). Oceanic heat flow measurements over the continental margins of eastern Canada. *Canadian Journal of Earth Sciences, 13*(8), 1031-1038 https://doi.org/10.1139/e76-106.

Lewis_Jessop_1981 Lewis, J.F., & Jessop, A.M. (1981). Heat flow in the Garibaldi volcanic belt, a possible Canadian geothermal energy resource area. *Canadian Journal of Earth Sciences, 18*(2), 366-375 https://doi.org/10.1139/e81-028.

Lewis_1969 Lewis, T.J. (1969). Terrestrial heat flow at Eldorado, Saskatchewan. *Canadian Journal of Earth Sciences, 6*(5), 1191-1197 https://doi.org/10.1139/e69-120.

Lewis_1984 Lewis, T.J. (1984). Geothermal energy from Penticton Tertiary outlier, British Columbia: an initial assessment. *Canadian Journal of Earth Sciences, 21*(2), 181-188 https://doi.org/10.1139/e84-019.

Lewis_Beck_1977 Lewis, T.J., & Beck, A.E. (1977). Analysis of heat flow data—detailed observations in many holes in a small area. *Tectonophysics, 41*, 41-59.

Lewis_etal._1988 Lewis, T.J., Bentkowski, W.H., Davis, E.E., Hyndman, R.D., Souther, J.G., & Wright, J.A. (1988). Subduction of the Juan de Fuca Plate: Thermal consequences. *Journal of Geophysical Research, 93*(B12), 15207-15225 https://doi.org/10.1029/JB093iB12p15207.

Lewis_etal._1992 Lewis, T.J., Bentkowski, W.H., & Hyndman, R.D. (1992). Crustal Temperatures near the Lithoprobe Southern Canadian Cordillera Transect. *Canadian Journal of Earth Sciences, 29*(6), 1197-1214 https://doi.org/10.1139/e92-096.

Lewis_etal._2003 Lewis, T.J., Hyndman, R.D., & Fluck, P. (2003). Heat flow, heat generation, and crustal temperatures in the northern Canadian Cordillera: Thermal control of tectonics. *Journal of Geophysical Research, 108*(B6) https://doi.org/10.1029/2002jb002090.

Lewis_etal._1985 Lewis, T.J., Jessop, A.M., & Judge, A.S. (1985). Heat flux measurements in southwestern British Columbia: the thermal consequences of plate tectonics. *Canadian Journal of Earth Sciences, 22*(9), 1262-1273 https://doi.org/10.1139/e85-131.

Lewis_Wang_1992 Lewis, T.J., & Wang, K. (1992). Influence of terrain on bedrock temperatures. *Palaeogeography Palaeoclimatology Palaeoecology, 98*(2-4), 87-100 https://doi.org/10.1016/0031-0182(92)90190-g.

Leyden_etal._1978 Leyden, R., Damuth, J.E., Ongley, L.K., Kostecki, J., & Van Stevenick, W. (1978). Salt diapirs and São Paulo Plateau, southeastern Brazilian continental margin. *Aapg Bulletin-American Association of Petroleum Geologists, 62*(4), 657-666 https://doi.org/10.1306/c1ea4e23-16c9-11d7-8645000102c1865d.

Li_etal._2014 Li, W.J., Rao, S., Tang, X.-Y., Jiang, G.-Z., Hu, S.-B., Kong, Y., Pang, J., & Wang, J. (2014). Borehole temperature logging and temperature field in the Xiongxian geothermal field, Hebei Province 河北雄县地热田钻井地温测量及地温场特征. [河北雄县地热田钻井地温测量及地温场特征]. *Chinese Journal of Geology, 49*(3), 850-863 https://doi.org/10.3969/j.issn.0563-5020.2014.03.012.

Li_etal._1989 Li, X., Furukawa, Y., Nagao, T., Uyeda, S., & Suzuki, H. (1989). Heat flow in central Japan and its relations to geological and geophysical features. *Bulletin of the Earthquake Research Institute, 64*, 1-36 https://doi.org/10.1594/pangaea.807255.

Li_etal._2019 Li, Y., Jiang, Z., Jiang, S., Liu, H., & Wang, B. (2019). Heat flow and thermal evolution of a passive continental margin from shelf to slope – A case study on the Pearl River Mouth Basin, northern South China Sea. *Journal of Asian Earth Sciences, 171*, 88-102 https://doi.org/10.1016/j.jseaes.2017.12.011.

Liang_etal._1987 Liang, S., & etal. (1987). Heat Flow Values of the 5th Ggt in China.

Liang_etal._1992 Liang, S., Sun, T.Z., Han, Y.Z., & Shi, S.Y. (1992). Heat flow study along the iv ggt china. *Chinese Science Bulletin, 2*, 143–146.

Liao_etal._2014 Liao, W.-Z., Lin, A.T., Liu, C.-S., Oung, J.-N., & Wang, Y. (2014). Heat flow in the rifted continental margin of the South China Sea near Taiwan and its tectonic implications. *Journal of Asian Earth Sciences, 92*, 233-244 https://doi.org/10.1016/j.jseaes.2014.01.003.

Lilley_etal._1977 Lilley, F.E.M., Sloane, M.N., & Sass, J.H. (1977). A compilation of Australian heat-flow measurements. *Journal of Geological Society of Australia, 24*(7-8), 439-445 https://doi.org/10.1080/00167617708729003.

Lindqvist_1984 Lindqvist, J.G. (1984). Heat flow density measurements in the sediments of three lakes in Northern Sweden. *Tectonophysics, 103*(1-4), 121-140 https://doi.org/10.1016/0040-1951(84)90078-7.

Lister_1963a Lister, C.R.B. (1963). A close group of heat-flow stations. *Journal of Geophysical Research, 68*(19), 5569-5573 https://doi.org/https://doi.org/10.1029/JZ068i019p05569.

Lister_1963b Lister, C.R.B. (1963). Geothermal Gradient Measurement using a Deep Sea Corer. *Geophysical Journal International, 7*(5), 571-583 https://doi.org/10.1111/j.1365-246X.1963.tb03822.x.

Lister_1970a Lister, C.R.B. (1970). Heat flow west of the Juan de Fuca Ridge. *Journal of Geophysical Research, 75*(14), 2648-2654 https://doi.org/10.1029/JB075i014p02648.

Lister_1970b Lister, C.R.B. (1970). Measurement of in Situ Sediment Conductivity by means of a Bullard-type Probe. *Geophysical Journal International, 19*(5), 521-532 https://doi.org/10.1111/j.1365-246X.1970.tb00157.x.

Lister_1972 Lister, C.R.B. (1972). On the Thermal Balance of a Mid-Ocean Ridge. *Geophysical Journal International, 26*(5), 515-535 https://doi.org/10.1111/j.1365-246X.1972.tb05766.x.

Lister_Reitzel_1964 Lister, C.R.B., & Reitzel, J.S. (1964). Some measurements of heat flow through the floor of the north Atlantic. *Journal of Geophysical Research, 69*(10), 2151-2154 https://doi.org/10.1029/JZ069i010p02151.

Lister_etal._1990 Lister, C.R.B., Sclater, J.G., Davis, E.E., Villinger, H.W., & Nagihara, S. (1990). Heat-Flow Maintained in Ocean Basins of Great Age - Investigations in the North-Equatorial West Pacific. *Geophysical Journal International, 102*(3), 603-630 https://doi.org/10.1111/j.1365-246X.1990.tb04586.x.

Liu_etal._2015 Liu, S.-W., Lei, X., & Wang, L.-S. (2015). New heat flow determination in northern Tarim Craton, northwest China. *Geophysical Journal International, 200*(2), 1196-1206 https://doi.org/10.1093/gji/ggu458.

Liu_etal._2020 Liu, Y., Qiu, N.-S., Li, H., Ma, A., Chang, J., & Jia, J. (2020). Terrestrial heat flow and crustal thermal structure in the northern slope of Tazhong uplift in Tarim Basin. *Geothermics, 83*, 101709 https://doi.org/10.1016/j.geothermics.2019.101709.

Liu_etal._1997 Liu, Y., Wu, T., Cui, H., & Feng, Q. (1997). Paleotemperature gradient and thermal history of Tulufan-Hami Basin,Xinjiang. [哈密盆地古地温梯度和热历史]. *Science in China, 27*(5), 431-436.

Lizon_etal._1978 Lizon, I., Janci, J., & Kral, M. (1978). Zakladny vyskum priestoroveho rozlozenia zemskeho tepla v zapadnych karpatoch (in Slovak). *Techn.Sprava Za Rok 1977., Geofyzika N.P., Bratislava*, 35.

Loddo_Mongelli_1975 Loddo, M., & Mongelli, F.M. (1975). Heat Flow In Southern Italy and Surrounding Seas. *Bollettino di geofisica teorica ed applicata, 16*, 115-122 https://doi.org/10.1594/pangaea.809880.

Loddo_etal._1982 Loddo, M., Mongelli, F.M., Pecorini, G., & Tramacere, A. (1982). Prime misure di Flusso di Calore in Sardegna. *Ricerche geotermiche in Scardegna con particolare riferimento al Graben del Campidano, 10*, 181-209 https://doi.org/10.1594/pangaea.809875.

Loddo_etal._1973 Loddo, M., Mongelli, F.M., & Roda, F. (1973). Heat flow in Calabria, Italy. *Nature Physics, 244*(1-2), 91-92 https://doi.org/10.1007/bf00879741.

Lonsdale_Becker_1985 Lonsdale, P., & Becker, K. (1985). Hydrothermal plumes, hot springs, and conductive heat flow in the Southern Trough of Guaymas Basin. *Earth and Planetary Science Letters, 73*(44288), 211-225 https://doi.org/10.1016/0012-821x(85)90070-6.

Loseth_etal._1992 Løseth, H., Lippard, S.J., Saettem, J., Fanavoll, S., Fjerdingstad, V., Leith, L.T., Ritter, U., Smelror, M., & Sylta, O. (1992). Cenozoic uplift and erosion of the Barents Sea-evidence from the Svalis Dome area. *Norwegian Petroleum Society, 2*, 643-664 https://doi.org/10.1016/b978-0-444-88943-0.50042-3.

Louden_etal._1990 Louden, K.E., Leger, G., & Hamilton, N. (1990). Marine Heat-Flow Observations on the Canadian Arctic Continental-Shelf and Slope. *Marine Geology, 93*(44287), 267-288 https://doi.org/10.1016/0025-3227(90)90087-z.

Louden_etal._1991 Louden, K.E., Sibuet, J.-C., & Foucher, J.P. (1991). Variations in Heat-Flow across the Goban Spur and Galicia Bank Continental Margins. *Journal of Geophysical Research, 96*(B10), 16131-16150 https://doi.org/10.1029/91jb01453.

Louden_etal._1997 Louden, K.E., Sibuet, J.-C., & Harmegnies, F. (1997). Variations in heat flow across the ocean-continent transition in Iberia abyssal plain. *Earth and Planetary Science Letters, 151*(3), 233-254 https://doi.org/10.1016/S0012-821x(97)81851-1.

Louden_etal._1987 Louden, K.E., Wallace, D.O., & Courtney, R.C. (1987). Heat flow and depth versus age for the Mesozoic northwest Atlantic Ocean: results from the Sohm abyssal plain and implications for the Bermuda Rise. *Earth and Planetary Science Letters, 83*(44287), 109-122 https://doi.org/10.1016/0012-821x(87)90055-0.

Lovering_1948 Lovering, T.S. (1948). Geothermal gradients, recent climatic changes, and rate of sulfide oxidation in the San Manuel district, Arizona. *Economic Geology, 43*(1), 1-20 https://doi.org/10.1594/pangaea.804870.

Lu_etal._2005 Lu, Q.-Z., Hu, S.-B., Guo, T.-L., & Li, Z.-P. (2005). The background of the geothermal field for formation of abnormal high pressure in the northeastern Sichuan Basin. *Chinese Journal of Geophysics, 48*(5), 1110-1116. Retrieved from <Go to ISI>://WOS:000232232400019.

Lu_etal._1981 Lu, R.S., Pan, J.J., & Lee, T.-C. (1981). Heat flow in the southwestern Okinawa Trough.

Earth and Planetary Science Letters, 55(2), 299-310 https://doi.org/10.1016/0012-821x(81)90109-6.

Lucazeau_etal._2015 Lucazeau, F., Armitage, J.K., & Étienne, K. (2015). Thermal regime and evolution of the Congo basin as an intracratonic basin. In *Geology and Resource Potential of the Congo Basin* (pp. 229-244).

Lucazeau_etal._2006 Lucazeau, F., Bonneville, A., Escartin, J., Von Herzen, R.P., Gouze, P., Carton, H., Cannat, M., Vidal, V., & Adam, C. (2006). Heat flow variations on a slowly accreting ridge: Constraints on the hydrothermal and conductive cooling for the Lucky Strike segment (Mid-Atlantic Ridge, 37 degrees N). *Geochemistry, Geophysics, Geosystems, 7*(7) https://doi.org/10.1029/2005gc001178.

Lucazeau_etal._2014 Lucazeau, F., Bouquerel, H., Rolandone, F., Pichot, T., & Heuret, A. (2014). *Methodology and results of the ANTITHESIS 2 campaign (Méthodologie et résultats de la campagne ANTITHESIS 2)*. Retrieved from

Lucazeau_etal._2004 Lucazeau, F., Brigaud, F., & Bouroullec, J.L. (2004). High-resolution heat flow density in the lower Congo basin. *Geochemistry, Geophysics, Geosystems, 5*(3) https://doi.org/10.1029/2003gc000644.

Lucazeau_2011 Lucazeau, F., Cautru, J.P., Maget, P., & Vasseur, G. (2011). *Heat flow analysis on EST433*. Retrieved from

Lucazeau_Dhia_1989 Lucazeau, F., & Dhia, H.B. (1989). Preliminary heat-flow density data from Tunisia and the Pelagian Sea. *Canadian Journal of Earth Sciences, 26*(5), 993-1000 https://doi.org/10.1139/e89-080.

Lucazeau_etal._2008 Lucazeau, F., Leroy, S., Bonneville, A., Goutorbe, B., Rolandone, F., d'Acremont, E., Watremez, L., Dusunur, D., Tuchais, P., Huchon, P., Bellahsen, N., & Al-Toubi, K. (2008). Persistent thermal activity at the Eastern Gulf of Aden after continental break-up. *Nature Geoscience, 1*(12), 854-858 https://doi.org/10.1038/ngeo359.

Lucazeau_etal._2010 Lucazeau, F., Leroy, S., Rolandone, F., d'Acremont, E., Watremez, L., Bonneville, A., Goutorbe, B., & Dusunur, D. (2010). Heat-flow and hydrothermal circulation at the ocean-continent transition of the eastern gulf of Aden. *Earth and Planetary Science Letters, 295*(44289), 554-570 https://doi.org/10.1016/j.epsl.2010.04.039.

Lucazeau_etal._1991 Lucazeau, F., Lesquer, A., & Vasseur, G. (1991). Trends of heat flow density from west Africa. In *Terrestrial Heat Flow and the Lithosphere Structure* (pp. 417-425).

Lucazeau_Mailhe_1986 Lucazeau, F., & Mailhe, D. (1986). Heat flow, heat production and fission track data from the Hercynian basement around the Provençal Basin (Western Mediterranean). *Tectonophysics, 128*(3), 335-356 https://doi.org/10.1016/0040-1951(86)90300-8.

Lucazeau_etal._2012 Lucazeau, F., Rolandone, F., & Poort, J. (2012). Carottages flux de chaleur. 1-28.

Lucazeau_etal._1984 Lucazeau, F., Vasseur, G., & Bayer, R. (1984). Interpretation of heat flow data in the French Massif Central. *Tectonophysics, 103*(1), 99-119 https://doi.org/10.1594/pangaea.804847.

Lucazeau_etal._1981 Lucazeau, F., Vasseur, G., Kast, Y., & Jolivet, J. (1981). Données du flux de chaleur dans le Massif Central français. *Annals of Geophysics, 37*, 481-491.

Ludwig_Rabinowtiz_1975 Ludwig, W.A., & Rabinowitz, P.D. (1975). *Results of IPOD Site Survey Aboard R/V VEMA Cruise 3206-PART A: DATA REPORT*. Retrieved from

Luyendyk_1969 Luyendyk, B.P. (1969). *Geological and geophysical observations in an abyssal hill area using a deeply towed instrument package.* (Ph.D. Doctoral Dissertation). Retrieved from https://doi.pangaea.de/10.1594/pangaea.807321 Available from http://heatflow.org/thermoglobe/publications/dfdb2660-27c0-4950-88d3-392ad3b42ded

Lysak_etal._1980 Lysak, S.T., Platonov, L.M., Dorofeeva, R.P., & Levitsky, V.U. (1980). Geotermicheskie issledovanija v Bajkalo-Angarakanskom rajone trassy BAM (Geothermal studies in the Baikal-Angarakan area of the BAM route). In *Seismotectonics and seismicity of the BAM construction area. (Сейсмотектоника и сейсмичность района строительства БАМ.)* (pp. 139-153).

Lysak_1976a Lysak, S.V. (1976). Novye Dannye O Zakonomernostyakh Izmeneniya Glubinnykh Temperatur I Teplovom Potoke Yuga Vostochnoi Sibiri (New Data on the Patterns of Changes in Depth Temperatures and Heat Flow in the South of Eastern Siberia). In *Geotermiya: Geotermicheskie Issledovaniya v SSSR (Geothermy: Geothermal Investigations in the USSR)*.

Lysak_1978 Lysak, S.V. (1978). Prognoznaja karta glubinnogo teplovogo potoka territorii BAM (Forecast map of the deep heat flow of the BAM territory). In *Geological and seismic conditions of the Baikal-Amur Mainline area (Геологические и сейсмические условия района Байкало-Амурской магистрали.)* (pp. 94-99).

Lysak_1983 Lysak, S.V. (1983). Metodika i resultaty geotermicheskogo kartirovaniya terri- torii yuga vostochnoi sibiri - v kn: primenenie geotermii v regional- nykh i poiskovo-razvedochnykh issledovaniyakh (Methodology and results of geothermal mapping of the territory of the south of eastern Siberia). In *The use of geothermal energy in regional and prospecting research* (pp. 55-60).

Lysak_etal._1975 Lysak, S.V., Duchkov, A.D., Golubev, V.A., & Sokolova, L.S. (1975). *Heat flow of the Baikal rift zone*.

Lysak_Zorin_1976 Lysak, S.V., & Zorin, Y. (1976). Geotermicheskoe Pole Baikalskoi Riftovoi Zony (Geothermal Field of the Baikal Rift Zone). In.

Lyubimova_1964 Lyubimova, E.A. (1964). Teplovoj potok v Ukrainskom shhite v svjazi s nedavnimi tektonicheskimi dvizhenijami (Heat flow in the Ukrainian Shield in relation to recent tectonic movements). [Тепловой поток в Украинском щите, В.С.вязи С.Н.едавними тектоническими движениями]. *Journal of Geophysical Research, 69*(24), 5277-5284 https://doi.org/10.1029/JZ069i024p05277.

Lyubimova_1968 Lyubimova, E.A. (1968). *Termika Zemli i Luny (Earth's and Moon's thermal state)* https://doi.org/10.1594/pangaea.809800.

Lyubimova_1969 Lyubimova, E.A. (1969). Zemnoy teplovoy potok dlya SSSR i yego svyaz' s drugimi geoyavleniyami (Terrestrial heat flow for the USSR and its connection with other geophenomena). [Земной тепловой поток для СССР и его связь с другими геоявлениями]. *Bulletin Volcanologique, 33*(1), 341-367 https://doi.org/10.1007/bf02596728.

Lyubimova_1975 Lyubimova, E.A. (1975). Heat flow map, a review of heat flow data and anomalies for the European plate. *Geothermics, 4*(1), 44289 https://doi.org/10.1016/0375-6505(75)90002-4.

Lyubimova_etal._1973a Lyubimova, E.A., Aleksandrov, A.L., & Duchkov, A.D. (1973). Metodika izucheniya teplovyikh potokov cherez dno okeanov (Methods of study of heat flows through the bottom of the ocean). [Методика изучения тепловых потоков через дно океанов]. *Science publishing house*, 174.

Lyubimova_etal._1972b Lyubimova, E.A., Gorshkov, A.P., Vlasenko, V.I., Efimov, A.V., & Aleksandrov, A.L. (1972). Izmerenija teplovogo potoka vblizi Kuril'skoj ostrovnoj dugi, na Kamchatke i Kuril'skom ozere (Measurements of heat flow near the Kuril island arc, on Kamchatka and Kuril lake). In *Dan Sssr* (Vol. 207, pp. 842-845).

Lyubimova_etal._1972a Lyubimova, E.A., Karus, E.V., Firsov, F.V., Starikova, G.N., Vlasenko, V.I., Lyusova, L.N., & Koperbakh, E.B. (1972). Zemnye teplovye potoki na dokembrijskih shhitah v SSSR (Terrestrial heat flow on the Precambrian shields in the USSR). [Земные тепловые потоки нА.Д.окембрийских щитах, В.С.ССР]. *Sovetskaya Geologiya (Soviet geology)*(8), 10-22. Retrieved from https://istina.msu.ru/publications/article/9009212/.

Lyubimova_etal._1974a Lyubimova, E.A., Lysak, S.V., Firsov, F.V., Starikova, G.N., Efimov, A.V., & Ignatov, B.I. (1974). *Teplovoj potok v pos Listvennichnoe na poberezh'e Bajkala (Heat flow in the Listvennichnoe on the coast of Lake Baikal)*.

Lyubimova_etal._1985 Lyubimova, E.A., Milanovsky, S.Y., & Smirnova, E.V. (1985). Novye Rezultaty Izucheniya Teplovogo Potoka Na Baltiiskom Shchite (New Results of a Thermal Flow Study on the Baltic Shield). [Новые Результаты Изучения Теплового Потока На Балтийском Щите]. *The history of the development of the thermal field in the zones of various regimes of the countries of Eastern Europe.*, 93-110.

Lyubimova_etal._1976 Lyubimova, E.A., Nikitina, V.N., & Tomara, G.A. (1976). Teplovye Polya Vnutrennikh i Okrainnykh Morey SSSR (Thermal Fields of Inland and Marginal Seas of the USSR) (Thermal Fields of Inland and Marginal Seas of the USSR). [Тепловые Полыа Внутренникх и Окраинныкх Мореы СССР (Тхермал Фиелдс оф Инланд анд Маргинал Сеас оф тхе УССР)]. https://doi.org/10.1594/pangaea.809117.

Lyubimova_etal._1973b Lyubimova, E.A., Polyak, B.G., Smirnov, Y.B., Kutas, R.I., Firsov, F.V., Sergienko, S.I., & Luisova, L.N. (1973). *Teplovoy potok na territorii SSSR katalog dannykh (Heat flow on the USSR territory catalogue of data)* https://doi.org/10.1594/pangaea.809114.

Lyubimova_etal._1973c Lyubimova, E.A., Polyak, B.G., Smirnov, Y.B., Sergienko, S.I., Ko-Perbakh, E.B., Lyusova, L.N., & Firsov, F.V. (1973). Obzor dannykh po teplovomu potoku dlya SSSR (Review of Data on Heat Flows in the USSR). In *Heat Flows from the Crust and Upper Mantle of the Earth* (Vol. 12, pp. 154-195). Moscow: Nauka.

Lyubimova_Salman_1984 Lyubimova, E.A., & Salman, A.G. (1984). O Svyazi Teplovogo Potoka S Geologicheski-Mi Strukturami DNA Severnogo Ledovitogo Okeana - V Kn: Teoreticheskie I Eksperimentalnye Issledovaniya Po Geotermike Morey I Okeanov Moskva: Nauka, (About the Connection of Heat Flow With Geologically Mi Structures of the DNA of the Arctic Ocean). In *heoretical and experimental research on the geothermics of the Seas and Oceans* (pp. 52-59).

Lyubimova_Savostin_1973 Lyubimova, E.A., & Savostin, L.A. (1973). Teplovoi Potok V Tsentralnoi I Vostochnoi Chasti Chernogo Morya (Heat flows in the central and eastern parts of the Black Sea). [Тепловои Поток В Тсентралнои И.В.осточнои Части Черного Морыа]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences), 212*(2), 349-352 https://doi.org/10.1594/pangaea.809038.

Lyubimova_Shelyagin_1966 Lyubimova, E.A., & Shelyagin, V.A. (1966). Teplovoi Potok Cherez Dno Ozera Baikal (Heat flow through the bottom of Lake Baikal). In *Reports of the Academy of Sciences*

of the USSR (Vol. 171, pp. 1321-1325).

Lyubimova_etal._1969 Lyubimova, E.A., Tomara, G.A., Demenitskaya, R.M., & Karasik, A.M. (1969). *Izmereniye teplovogo potoka cherez dno Severnogo Ledovitogo okeana v rayone sredinnogo khrebta Khakel' (Measurement of heat flow across the Arctic Ocean floor in the vicinity of the median Hackel Ridge).* Paper presented at the Dokl. Acak. Nauk. SSSR.

Lyusova_1979 Lyusova, L.N. (1979). Otsenka Teplovykh Potokov V Tsentralnoi Chasti Mos-Kovskoi Sineklizy (Assessment of Heat Flows in the Central Part of the Moscovian Syneclise). [Оценка Тепловых ПотокоВ.В. Центральной Части Московской Синеклизы]. *Eksperimental'noye i teoreticheskoye izucheniye teplovykh potokov (Experimental and theoretical study of heat flows)*, 51-74.

Lyusova_Kutasov_1973 Lyusova, L.N., & Kutasov, I.M. (1973). Teplovye Potoki Na Territorii Krymsko-Go Poluostrova (Heat Flows on the Territory of the Crimean Peninsula). In V.I. Vlodavets & E.A. Lyubimova (Eds.), *TEPLOVYE POTOKI IZ KORY I VERKHNEI MANTII ZEMLI* (Vol. 12, pp. 58-77).

MacDonald_2009 MacDonald, D. (2009). Completion of surface heat flow program 5 july 2009. *KUTh Energy Limited*, 4 https://doi.org/10.1594/pangaea.807217.

Macdonald_etal._1973 MacDonald, K.C., Luyendyk, B.P., & Von Herzen, R.P. (1973). Heat flow and plate boundaries in Melanesia. *Journal of Geophysical Research, 78*(14), 2537-2546 https://doi.org/10.1029/JB078i014p02537.

Macelloni_etal._2015 Macelloni, L., Lutken, C.B., Garg, S., Simonetti, A., D'Emidio, M., Wilson, R.M., Sleeper, K., Lapham, L.L., Lewis, T., Pizzi, M., Knapp, J.H., Knapp, C.C., Brooks, J., & McGee, T.M. (2015). Heat-flow regimes and the hydrate stability zone of a transient, thermogenic, fault-controlled hydrate system (Woolsey Mound northern Gulf of Mexico). *Marine and Petroleum Geology, 59*, 491-504 https://doi.org/https://doi.org/10.1016/j.marpetgeo.2014.09.010.

Madon_Jong_2021 Madon, M., & Jong, J. (2021). Geothermal gradient and heat flow maps of offshore Malaysia: Some updates and observations. *Bulletin of Geological Society of Malaysia, 71*, 159-183 https://doi.org/10.7186/bgsm71202114.

Madsen_1975 Madsen, L. (1975). Approximate Geothermal Gradients in Denmark and the Danish North Sea Sector. *Årbog-Danmarks geologiske undersøgelse, 1974*, 5-16 https://doi.org/10.1594/pangaea.807341.

Majorowicz_1973 Majorowicz, J.A. (1973). Heat flow data from Poland. *Nature Physical Science, 241*(105), 16-17 https://doi.org/10.1038/physci241016a0.

Majorowicz_1973a Majorowicz, J.A. (1973). Heat flow in Poland and its relation to the geological structure. *Geothermics, 2*(1), 24-28 https://doi.org/10.1016/0375-6505(73)90031-x.

Majorowicz_1996 Majorowicz, J.A. (1996). Anomalous heat flow regime in the Western margin of the North American Craton, Canada. *Journal of Geodynamics, 21*(2), 123-140 https://doi.org/10.1016/0264-3707(95)00020-2.

Majorowicz_etal._2014 Majorowicz, J.A., Chan, J., Crowell, J., Gosnold Jr, W.D., Heaman, L.M., Kueck, J., Nieuwenhuis, G., Schmitt, D.R., Unsworth, M., Walsh, N., & Weides, S. (2014). The first deep heat flow determination in crystalline basement rocks beneath the Western Canadian Sedimentary Basin. *Geophysical Journal International, 197*(2), 731-747 https://doi.org/10.1093/gji/ggu065.

Majorowicz_Embry_1998 Majorowicz, J.A., & Embry, A.F. (1998). Present heat flow and paleo-geothermal regime in the Canadian Arctic margin: analysis of industrial thermal data and coalification gradients. *Tectonophysics, 291*(44287), 141-159 https://doi.org/10.1016/s0040-1951(98)00036-5.

Majorowicz_Jessop_1981 Majorowicz, J.A., & Jessop, A.M. (1981). Regional heat flow patterns in the Western Canadian Sedimentary Basin. *Tectonophysics, 74*(3), 209-238 https://doi.org/10.1016/0040-1951(81)90191-8.

Majorowicz_etal._1990 Majorowicz, J.A., Jones, F.W., & Judge, A.S. (1990). Deep Subpermafrost Thermal Regime in the Mackenzie Delta Basin, Northern Canada - Analysis from Petroleum Bottom-Hole Temperature Data. *Geophysics, 55*(3), 362-371 https://doi.org/10.1190/1.1442844.

Makarenko_etal._1970 Makarenko, F.A., Smirnov, Y.B., & Sergienko, S.I. (1970). Teplovoi Potok NaTerritorii Predkavkazyya (Heat Flow in the Pre-Caucasus Territory). [Тепловой Поток На Территории Предкавказья]. *Teplovoy rezhim nedr SSSR (Thermal Regime of the USSR Subsoil)*, 137-152.

Makita_1992 Makita, S. (1992). Heat flow measurements around the Japanese Islands: Interpretation with reference to the tectonics in the Okinawa Trough (in Japanese).

Malmqvist_etal._1983 Malmqvist, D., Larson, S.A., Landstroem, O., & Lind, G. (1983). Heat flow and heat production from the Malingsbo granite, central Sweden. *Bulletin of the Geological Institution of the University of Upsala, 9*, 137-152.

Manga_etal._2012 Manga, M., Hornbach, M.J., Le Friant, A., Ishizuka, O., Stroncik, N., Adachi, T., Aljahdali, M., Boudon, G., Breitkreuz, C., Fraass, A., Fujinawa, A., Hatfield, R., Jutzeler,

M., Kataoka, K., Lafuerza, S., Maeno, F., Martinez-Colon, M., McCanta, M., Morgan, S., Palmer, M.R., Saito, T., Slagle, A., Stinton, A.J., Subramanyam, K.S.V., Tamura, Y., Talling, P.J., Villemant, B., Wall-Palmer, D., & Wang, F. (2012). Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. *Geochemistry, Geophysics, Geosystems, 13*(8) https://doi.org/https://doi.org/10.1029/2012GC004260.

Mansure_Reiter_1977 Mansure, A.J., & Reiter, M. (1977). *An Accurate Equilibrium Temperature Log in AEC No. 8: A Drill Test in the Vicinity of the Proposed Carlsbad Disposal Site*. Retrieved from

Marcaillou_etal._2012 Marcaillou, B., Henry, P., Kinoshita, M., Kanamatsu, T., Screaton, E., Daigle, H., Harcouët-Menou, V., Lee, Y.-M., Matsubayashi, O., Kyaw Thu, M., Kodaira, S., & Yamano, M. (2012). Seismogenic zone temperatures and heat-flow anomalies in the To-nankai margin segment based on temperature data from IODP expedition 333 and thermal model. *Earth and Planetary Science Letters, 349-350*, 171-185 https://doi.org/10.1016/j.epsl.2012.06.048.

Mareschal_etal._2017 Mareschal, J.-C., Jaupart, C., Armitage, J.K., Phaneuf, C., Pickler, C., & Bouquerel, H. (2017). The Sudbury Huronian heat flow anomaly, Ontario, Canada. *Precambrian Research, 295*, 187-202 https://doi.org/10.1016/j.precamres.2017.04.024.

Mareschal_etal._1999b Mareschal, J.-C., Jaupart, C., Cheng, L.-Z., Rolandone, F., Gariepy, C., Bienfait, G., Guillou-Frottier, L., & Lapointe, R. (1999). Heat flow in the Trans-Hudson Orogen of the Canadian Shield: Implications for Proterozoic continental growth. *Journal of Geophysical Research, 104*(B12), 29007-29024 https://doi.org/10.1029/1998jb900209.

Mareschal_etal._2000b Mareschal, J.-C., Jaupart, C., Gariepy, C., Cheng, L.-Z., Guillou-Frottier, L., Bienfait, G., & Lapointe, R. (2000). Heat flow and deep thermal structure near the southeastern edge of the Canadian Shield. *Canadian Journal of Earth Sciences, 37*(2), 399-414 https://doi.org/10.1139/e98-106.

Mareschal_etal._2005 Mareschal, J.-C., Jaupart, C., Rolandone, F., Gariepy, C., Fowler, C.M.R., Bienfait, G., Carbonne, C., & Lapointe, R. (2005). Heat flow, thermal regime, and elastic thickness of the lithosphere in the Trans-Hudson Orogen. *Canadian Journal of Earth Sciences, 42*(4), 517-532 https://doi.org/10.1139/e04-088.

Mareschal_etal._2004 Mareschal, J.-C., Nyblade, A.A., Perry, H.K.C., Jaupart, C., & Bienfait, G. (2004). Heat flow and deep lithospheric thermal structure at Lac de Gras, Slave Province, Canada. *Geophysical Research Letters*(12) https://doi.org/10.1029/2004gl020133.

Mareschal_etal._1989 Mareschal, J.-C., Pinet, C., Gariepy, C., Jaupart, C., Bienfait, G., Coletta, G., Jolivet, J., & Lapointe, R. (1989). New heat flow density and radiogenic heat production data in the Canadian Shield and Quebec Appalachians. *Canadian Journal of Earth Sciences, 26*(4), 845-852 https://doi.org/10.1139/e89-068.

Mareschal_etal._2000a Mareschal, J.-C., Poirier, A., Rolandone, F., Bienfait, G., Gariepy, C., Lapointe, R., & Jaupart, C. (2000). Low mantle heat flow at the edge of the North American continent, Voisey Bay, Labrador. *Geophysical Research Letters, 27*(6), 823-826 https://doi.org/10.1029/1999gl011069.

Marshall_Erickson_1974 Marshall, B.V., & Erickson, A.J. (1974). Heat flow and thermal conductivity measurements, Leg 25, Deep Sea Drilling Project. *Initial Reports of the Deep Sea Drilling Project, 25*, 349-355 https://doi.org/10.2973/dsdp.Proc.25.111.1974.

Martinelli_etal._1995 Martinelli, G., Dongarra, G., Jones, M.Q.W., & Rodriguez, A. (1995). *Geothermal features of Mozambique -Country update.* Paper presented at the Proceedings of the World Geothermal Congress.

Martinez_Cochran_1989 Martinez, F., & Cochran, J.R. (1989). Geothermal measurements in the northern Red Sea: Implications for lithospheric thermal structure and mode of extension during continental rifting. *Journal of Geophysical Research, 94*(B9) https://doi.org/10.1029/JB094iB09p12239.

Marusiak_Lizon_1975 Marusiak, I., & Lizon, I. (1975). Vysledky Geotermickeho Vyskumu V Cesko Slovenskej Casti Viedenskej Panvy (in Slovak). *Geologické práce, Správy, 63*, 191-204.

Marzan_2000 Marzan, I. (2000). *Régimen Térmico en la Peninsula Ibérica. Estructura Litosférica a través del Macizo Ibérico y el Margen Surportugués.* (Ph.D.). Available from http://heatflow.org/thermoglobe/publications/13391f2b-d57a-4636-87ee-8e5883e5cee6

Mas_etal._2000 Mas, L., Mas, G., & Bengochea, L. (2000). *Heat flow of Copahue geothermal field, and its relation with tectonic scheme.* Paper presented at the Proceedings Word Geothermal Congress.

Mase_etal._1979 Mase, C.W., Galanis Jr, S.P., & Munroe, R.J. (1979). *Near-surface heat flow in Saline Valley, California*. Retrieved from

Mase_etal._1981 Mase, C.W., Sass, J.H., Brook, C.A., & Munroe, R.J. (1981). *Shallow hydrothermal regime of the east brawley and glamis known geothermal resource areas, salton trough, California* (81-834). Retrieved from http://pubs.er.usgs.gov/publication/ofr81834

Mase_etal._1980 Mase, C.W., Sass, J.H., & Lachenbruch, A.H. (1980). *Near-surface hydrothermal regime of the Lassen Known Geothermal Resource Area, California* (80-1230). Retrieved from http://pubs.er.usgs.gov/publication/ofr801230

Mase_etal._1982 Mase, C.W., Sass, J.H., Lachenbruch, A.H., & Munroe, R.J. (1982). *Preliminary heat-flow investigations of the California Cascades* (82-150). Retrieved from http://pubs.er.usgs.gov/publication/ofr82150

Matsubara_1981 Matsubara, Y. (1981). Heat flow measurements in the Bonin Arc area. *Geological Survey of Japan / AIST, 14*, 130-136 https://doi.org/10.1594/pangaea.807371.

Matsubara_Fujii_1979 Matsubara, Y., & Fujii, N. (1979). Heat flow in Omaezaki, Shizuoka Prefecture, central Japan (in Japanese). *Journal of Seismological Society of Japan, 32*, 360-362.

Matsubara_etal._1982 Matsubara, Y., Kinoshita, H., Uyeda, S., & Thienprasert, A. (1982). Development of a new system for shallow sea heat flow measurement and its test application in the Gulf of Thailand. *Tectonophysics, 83*(1-2), 13-31 https://doi.org/10.1016/0040-1951(82)90004-x.

Matsubayashi_1982 Matsubayashi, O. (1982). Reconnaissance measurements of heat flow in the Central Pacific. *Geological Survey of Japan / AIST, 18*, 90-94 https://doi.org/10.1594/pangaea.807384.

Matsubayashi_etal._1979 Matsubayashi, O., Kinoshita, H., Matsubara, Y., & Matsuda, J.-I. (1979). Preliminary report on heat flow in the central part of Kagoshima Bay, Kyushu, Japan. *Geological Survey of Japan / AIST, 30*, 45-49 https://doi.org/10.1594/pangaea.807377.

Matsubayashi_Uyeda_1979 Matsubayashi, O., & Uyeda, S. (1979). Estimation of heat flow in certain exploration wells in offshore areas of Malaysia. *Bulletin of the Earthquake Research Institute, 54*, 31-44 https://doi.org/10.1594/pangaea.807387.

Matthews_Beardsmore_2007 Matthews, C., & Beardsmore, G.R. (2007). New heat flow data from south-eastern South Australia. *Exploration Geophysics, 38*(4), 260-269 https://doi.org/10.1071/Eg07028.

Matthews_etal._2013 Matthews, C., Beardsmore, G.R., Driscoll, J., & Pollington, N. (2013). Heat flow data from the southeast of South Australia: distribution and implications for the relationship between current heat flow and the Newer Volcanics Province. *Exploration Geophysics, 44*(2), 133-144 https://doi.org/10.1071/eg12052.

Matvienko_Sergienko_1976b Matvienko, V.N., & Sergienko, S.I. (1976). Teplovoe pole neftegazonosnyh raj-onov Predkavkaz'ja (Thermal field of oil-and-gas-bearing areas of the Pre-Caucasus region). [Тепловое поле нефтегазоносных рай-оноВ.П.редкавказья]. *Izvestiya Akademii Nauk SSSR, gyeologich (News of the USSR Academy of Sciences, Geology)*(2), 112-155.

Matvienko_Sergienko_1976a Matvienko, V.N., & Sergienko, S.I. (1976). Teplovoe Pole Neftegazonosnykh Raionov Predkavkazyya (Thermal Field of Oil and Gas Bearing Regions of Ciscaucasia). [Тепловое Поле Нефтегазоносныкх РаионоВ.П.редкавказыыа]. *Izvestiya Akademii Nauk SSSR, gyeologich (News of the USSR Academy of Sciences, Geology)*(2), 149-155.

Maurath_1980 Maurath, G. (1980). *Heat generation and terrestrial heat flow in northwestern Pennsylvania.*

Maxwell_1958 Maxwell, A.E. (1958). *The outflow of heat under the Pacific Ocean*.

Maxwell_Revelle_1956 Maxwell, A.E., & Revelle, R. (1956). Heat flow through the Pacific ocean basin. *Association de Seismologie et de physique de l'interierur de la terre, 19*.

Maystrenko_etal._2015 Maystrenko, Y.P., Slagstad, T., Elvebakk, H.K., Olesen, O., Ganerød, G.V., & Rønning, J.S. (2015). New heat flow data from three boreholes near Bergen, Stavanger and Moss, southern Norway. *Geothermics*, 79-92 https://doi.org/10.1016/j.geothermics.2015.03.010.

Medici_Rybach_1995 Medici, F., & Rybach, L. (1995). *Geothermal map of Switzerland 1995:(heat flow density)(No. 30)* (Vol. 30) https://doi.org/10.1594/pangaea.807347.

Meert_etal._1991 Meert, J.G., Smith, D.L., & Fishkin, L. (1991). Heat-Flow in the Ozark Plateau, Arkansas and Missouri - Relationship to Groundwater-Flow. *Journal of Volcanology and Geothermal Research, 47*(44289), 337-347 https://doi.org/10.1016/0377-0273(91)90008-n.

Meincke_etal._1967 Meincke, W., Hurtig, E., & Weiner, J. (1967). Temperaturverteilung, Wärmeleitfähigkeit und Wärmefluß im Thüringer Becken. *Geophysik und Geologie (Journal of Geology and Geophysics), 12*(11), 40-71 https://doi.org/10.1594/pangaea.809882.

Melnikov_etal._1972 Melnikov, P.I., Balobaev, V.T., Kutasov, I.M., & Deviatkin, V.N. (1972). Geotermicheskie issledovanija v Central'noj Jakutii (Geothermal research in Central Yakutia). [Геотермические исследования в Центральной Якутии]. *Geologiya I Geofizika (Geology and Geophysics)*(12), 134.

Mercier_2009 Mercier, M. (2009). *Relations entre flux de chaleur océanique et zone sismogène : cas de la subduction de Sumatra.* (PhD). Available from http://heatflow.org/thermoglobe/publications/0a93db1c-82dc-4f35-94b0-b19ea2802497

Merkushov_etal._1983 Merkushov, V.N., Podgornykh, L.V., Smirnov, Y.B., & Trotsyuk, V.Y. (1983). Severnyy Ledovityy Okean (Arctic Ocean). In *Metodicheskie i Eksperimentalnye Osnovy Geotermii (Методические и экспериментальные основы геотермии / Methodical and Experimental Basics of Geothermy)* (pp. 181-185).

MGRC_1989 MGRC. (1989). Heat flow measurement for the Jiangsi section of the quanzhou-heisui ggt.

Middleton_1979a Middleton, M.F. (1979). Heat flow in Moomba, Big Lake and Toolachee gas fields of the Cooper Basin and implications for hydrocarbon maturation. *Bulletin of the Australian Society of Exploration Geophysicists, 10*(2), 149-155 https://doi.org/10.1071/eg979149.

Mienert_etal._1998 Mienert, J., Posewang, J., & Baumann, M. (1998). *Gas hydrates along the north-eastern Atlantic Margin: possible hydrate bound margin instabilities and possible release of methane*.

Minier_Reiter_1991 Minier, J., & Reiter, M. (1991). Heat-Flow on the Southern Colorado Plateau. *Tectonophysics, 200*(44256), 51-66 https://doi.org/10.1016/0040-1951(91)90005-d.

Miridzhanyan_1983 Miridzhanyan, R.T. (1983). Geotermicheskie Usloviya Uchastka Shakhty Arpa-Sevan (Geothermal conditions of the Arpa-Sevan mine site). [Геотермические Условия Участка Шахты Арпа-Севан]. *Bulletin of NAS RA. Earth Sciences, 69*(2), 51-55.

Misener_etal._1951 Misener, A.D., Thompson, L.G.D., & Uffen, R.J. (1951). Terrestrial heat flow in Ontario and Quebec. *Eos, Transactions American Geophysical Union, 32*(5), 729-738 https://doi.org/10.1029/TR032i005p00729.

Mizutani_etal._1970 Mizutani, H., Baba, K., Kobayashi, N., Chang, C.C., Lee, C.H., & Kang, Y.S. (1970). Heat flow in Korea. *Tectonophysics, 10*(1), 183-203 https://doi.org/10.1016/0040-1951(70)90106-x.

Mizutami_Yokokura_1982 Mizutani, H., & Yokokura, T. (1982). Preliminary heat flow study in Papua New Guinea. *CCOP Technical Bulletin, 15*, 29-43 https://doi.org/10.1594/pangaea.807405.

Moiseenko_etal._1971 Moiseenko, U.I., Duchkov, A.D., & Sokolova, L.S. (1971). Teplovoj potok nekotoryh rajonov Altae-Sajanskoj oblasti (Heat flow of some areas of the Altai-Sayan region). [Тепловой поток некоторых районов Алтае-Саянской области]. *Geotermiya i paleomagnetizm (Geothermy and paleomagnetism)*, 3-16.

Moiseenko_etal._1972 Moiseenko, U.I., Sokolova, L.S., & Duchkov, A.D. (1972). Teplovoj potok Bajkal'skoj riftovoj zony i smezhnyh territorij (Heat flow of the Baikal rift zone and adjacent territories). [Тепловой поток Байкальской рифтовой зоны и смежных территорий]. *Geologiya I Geofizika (Geology and Geophysics)*(11), 95-103.

Møller_etal._2018 Møller, M.H., Glombitza, C., Lever, M.A., Deng, L., Morono, Y., Inagaki, F., Doll, M., Su, C.-c., & Lomstein, B.A. (2018). D:L-Amino Acid Modeling Reveals Fast Microbial Turnover of Days to Months in the Subsurface Hydrothermal Sediment of Guaymas Basin. *Frontiers in Microbiology, 9* https://doi.org/10.3389/fmicb.2018.00967.

Molnar_Hodge_1982 Molnar, P.S., & Hodge, D.S. (1982). Correlation of Thermal Conductivity with Physical Properties Obtained from Geophysical Well Logs: ABSTRACT. *Aapg Bulletin-American Association of Petroleum Geologists, 66*(5), 608-609 https://doi.org/10.1306/03b5a02a-16d1-11d7-8645000102c1865d.

Mongelli_etal._1983 Mongelli, F.M., Ciaranfi, N., Tramacere, A., Zito, G., Perusini, P., Squarci, P., & Taffi, L. (1983). Contributo alla mappa del flusso geotermico in Italia: Misure dalle marche alla Puglia. *Atti del, 28*, 737-763.

Mongelli_etal._1981 Mongelli, F.M., Loddo, A., Tramacere, G., Zito, P., Perusini, P., & Squarci, L. (1981). *Contributo alla mappa del flusso geotermico in Italia: misure sulla fascia pre-appenninica marchigiana*. Retrieved from Roma: https://doi.pangaea.de/10.1594/pangaea.809890

Mongelli_Loddo_1974 Mongelli, F.M., & Loddo, M. (1974). The present state of geothermal investigations in Italy. *Acta Geodaetica et Geophysica et Montanist, 9*, 449-456 https://doi.org/10.1594/pangaea.808065.

Mongelli_etal._1982 Mongelli, F.M., Loddo, M., & Tramacere, A. (1982). Misure di flusso di calorie.

Mongelli_Ricchetti_1970b Mongelli, F.M., & Ricchetti, G. (1970). The Earth's crust and heat flow in Fossa Bradanica, southern Italy. *Tectonophysics, 10*(1), 103-125 https://doi.org/10.1016/0040-1951(70)90102-2.

Mongelli_Ricchetti_1970a Mongelli, F.M., & Ricchetti, G. (1970). Heat flow along the candelaro fault — gargano headland (Italy). *Geothermics, 2*, 450-458 https://doi.org/10.1016/0375-6505(70)90043-x.

Moore_etal._2001 Moore, G.F., Taira, A., & Klaus, A. (2001). Proc. ODP, Init. Repts.

Moran_1985 Moran, J.E. (1985). *Heat flow and the thermal evolution of the Cascadia Basin.* (Ph.D.). Available from http://heatflow.org/thermoglobe/publications/d6e4dae2-7a47-41e6-aa5c-c1bab0f99ee5

Morgan_1973 Morgan, P. (1973). *Terrestrial heat flow studies in Cyprus and Kenya.* University of London, Available from http://heatflow.org/thermoglobe/publications/a5c5e115-

a042-4adc-aa16-73bfb4d419a5

Morgan_1975 Morgan, P. (1975). Porosity determinations and the thermal conductivity of rock fragments with application to heat flow on Cyprus. *Earth and Planetary Science Letters, 26*(2), 253-262 https://doi.org/10.1016/0012-821x(75)90093-x.

Morgan_1979 Morgan, P. (1979). Cyprus heat flow with comments on the thermal regime of the eastern Mediterranean. In *Terrestrial Heat Flow in Europe* (pp. 144-151).

Morgan_etal._1976 Morgan, P., Blackwell, D.D., & Boulos, F.K. (1976). Heat flow measurements in Egypt. *Eos, Transactions American Geophysical Union, 57*(12), 1009.

Morgan_etal._1977 Morgan, P., Blackwell, D.D., Spafford, R.E., & Smith, R.B. (1977). Heat flow measurements in Yellowstone Lake and the thermal structure of the Yellowstone Caldera. *Journal of Geophysical Research, 82*(26), 3719-3732 https://doi.org/10.1029/JB082i026p03719.

Morgan_etal._1985 Morgan, P., Boulos, F.K., Hennin, S.F., El-Sherif, A.A., El-Sayed, A.A., Basta, N.Z., & Melek, Y.S. (1985). Heat flow in Eastern Egypt: The thermal signature of a continental breakup. *Journal of Geodynamics, 4*(1), 107-131 https://doi.org/10.1016/0264-3707(85)90055-9.

Morgan_etal._1983 Morgan, P., Boulos, F.K., & Swanberg, C.A. (1983). Regional Geothermal Exploration in Egypt. *Geophysical Prospecting, 31*(2), 361-376 https://doi.org/10.1111/j.1365-2478.1983.tb01059.x.

Morgan_Swanberg_1978 Morgan, P., & Swanberg, C.A. (1978). Heat flow and the geothermal potential of Egypt. *Pure and Applied Geophysics, 117*(1), 213-226 https://doi.org/10.1007/bf00879748.

Morin_VonHerzen_1986 Morin, R.H., & Von Herzen, R.P. (1986). Geothermal measurements at Deep Sea Drilling Project site 587. *Initial Reports of the Deep Sea Drilling Project, 90*, 1317-1324.

Morin_etal._2010 Morin, R.H., Williams, T., Henrys, S.A., Magens, D., Niessen, F., & Hansaraj, D. (2010). Heat Flow and Hydrologic Characteristics at the AND-1B borehole, ANDRILL McMurdo Ice Shelf Project, Antarctica. *Geosphere, 6*(4), 370-378 https://doi.org/10.1130/Ges00512.1.

Mottaghy_etal._2005 Mottaghy, D.C., Schellschmidt, R., Popov, Y.A., Clauser, C., Kukkonen, I.T., Nover, G., Milanovsky, S.Y., & Romushkevich, R.A. (2005). New heat flow data from the immediate vicinity of the Kola super-deep borehole: Vertical variation in heat flow confirmed and attributed to advection. *Tectonophysics, 401*(44228), 119-142 https://doi.org/10.1016/j.tecto.2005.03.005.

Mullins_Hinsley_1957 Mullins, R., & Hinsley, F.B. (1957). Measurement of geothermic gradients in boreholes. *Transactions of American Institute of Mining and Metallurgical Engineers, 117*, 379-393 https://doi.org/10.1594/pangaea.808068.

Munoz_Hamza_1993 Munoz, M., & Hamza, V.M. (1993). Heat flow and temperature gradients in Chile. *Studia Geophysica et Geodaetica, 37*(3), 315-348 https://doi.org/10.1007/bf01624604.

Munroe_etal._1975 Munroe, R.J., Sass, J.H., Milburn, G.T., Jaeger, J.C., & Tammemagi, H.Y. (1975). *Basic data for some recent Australian heat-flow measurements* (75-567). Retrieved from http://pubs.er.usgs.gov/publication/ofr75567

Muraviev_Matveev_2004 Muraviev, A.V., & Matveev, V.G. (2004). [Results of the 42nd cruise of R/V "Dmitryi Mendeleev" in 1988 (personal communication)].

Muraviev_etal._1988 Muraviev, A.V., Smirnov, Y.B., & Sugrobov, V.M. (1988). Mezhdunarodnogo geotraversa cherez Filippinskoye more na 18 ° ssh (Heat flow along the International Geotraverse through the Philippine Sea at 18°N). [Тепловой поток вдоль Международного геотраверса через Филиппинское море на 18 ° сш]. *Dokl. Acak. Nauk. SSSR* https://doi.org/10.1594/pangaea.809124.

Muraviev_2004 Muraviev, A.V., & V.G., M. (2004). *Component parts of the World Heat Flow Data Collection*. Retrieved from: https://doi.org/10.1594/PANGAEA.809891

Myhre_etal._1995 Myhre, A.M., Thiede, J., & Firth, J.V. (1995). North Atlantic-Arctic Gateway Sites 907-913. *Proceedings of the Ocean Drilling Program, 151* https://doi.org/10.2973/odp.proc.ir.151.1995.

Nagao_1987 Nagao, T. (1987). *Heat flow measurements in the Tohoku-Hokkaido regions by some new techniques and their geotectonic interpretation.* (Ph.D.). Retrieved from https://doi.pangaea.de/10.1594/pangaea.809895 Available from http://heat-flow.org/thermoglobe/publications/2966bc4c-57d8-40dc-afd3-45d8f094f35d

Nagao_Kaminuma_1983 Nagao, T., & Kaminuma, K. (1983). Heat flow measurements in the Lützow–Holm Bay, Antarctica. *Memoirs of National Institute of Polar Research, 28*, 18-26 https://doi.org/10.1594/pangaea.808070.

Nagao_etal._2002 Nagao, T., Saki, T., & Joshima, M. (2002). Heat flow measurements around the Antarctica - Contribution of R/V Hakurei. *Proceedings of the Japan Academy 78*(2), 19-23 https://doi.org/10.2183/pjab.78.19.

Nagao_Uyeda_1989 Nagao, T., & Uyeda, S. (1989). Heat flow measurements in the northern part of Honshu, northeast Japan, using shallow holes. *Tectonophysics, 164*(2), 301-314 https://doi.org/10.1016/0040-1951(89)90023-1.

Nagaraju_etal._2012 Nagaraju, P., Ray, L., Ravi, G., Akkiraju, V.V., & Roy, S. (2012). Geothermal investigations in the Upper Vindhyan sedimentary rocks of Shivpuri area, central India. *Geological Society of India, 80*(1), 39-47 https://doi.org/10.1007/s12594-012-0116-x.

Nagasaka_etal._1970 Nagasaka, K., Francheteau, J., & Kishii, T. (1970). Terrestrial heat flow in the Celebes and Sulu Seas. *Marine Geophysical Research, 1*(1), 99-103 https://doi.org/10.1007/bf00310013.

Nagasawa_Komatsu_1979 Nagasawa, K., & Komatsu, K. (1979). Thermal structure under the ground in Osaka plain, southwest Japan. *Journal of Geosciences, 22*, 151-166 https://doi.org/10.1594/pangaea.809897.

Nagihara_1987 Nagihara, S. (1987). *Heat flow and tectonics of the northwestern Pacific subduction zones -concerning the Yap Trench convergence.* Retrieved from https://doi.pangaea.de/10.1594/pangaea.809900 Available from http://heatflow.org/thermoglobe/publications/17679e1d-e410-41ce-b1ce-69078d61dea9

Nagihara_etal._1989 Nagihara, S., Kinoshita, M., Fujimoto, H., Katao, H., Kinoshita, H., & Tomoda, Y. (1989). Geophysical observations around the northern Yap Trench: seismicity, gravity and heat flow. *Tectonophysics, 163*(1), 93-104 https://doi.org/10.1016/0040-1951(89)90120-0.

Nagihara_Lawver_1989 Nagihara, S., & Lawver, L.A. (1989). Heat flow measurments in the King George Basin, Bransfield Strait. *Antarctic Journal of the United States, 24*(5), 123-125.

Nagihara_etal._1996 Nagihara, S., Lister, C.R.B., & Sclater, J.G. (1996). Reheating of old oceanic lithosphere: Deductions from observations. *Earth and Planetary Science Letters, 139*(1-2), 91-104 https://doi.org/10.1016/0012-821x(96)00010-6.

Nagihara_etal._1992 Nagihara, S., Sclater, J.G., Beckley, L.M., Behrens, E.W., & Lawver, L.A. (1992). High heat flow anomalies over salt structures on the Texas Continental Slope, Gulf of Mexico. *Geophysical Research Letters, 19*(16), 1687-1690 https://doi.org/10.1029/92gl00976.

Nagihara_etal._1996a Nagihara, S., Sclater, J.G., Phillips, J.D., Behrens, E.W., Lewis, T.J., Lawver, L.A., Nakamura, Y., Garcia-Abdeslem, J., & Maxwell, A.E. (1996). Heat flow in the western abyssal plain of the Gulf of Mexico: implications for thermal evolution of the old ocean lithosphere. *Journal of Geophysical Research, 101*(B2), 2895-2913 https://doi.org/10.1029/95jb03450.

Nakajin_Anma_1972 Nakajin, T., & Anma, M. (1972). Heat flow measurements in the Surga Bay. In M. Hoshino & H. Aoki (Eds.), *Izu Peninsula, Japan* (pp. 287-300). Tokyo: Tokai University Press.

Nakamura_Wakita_1982 Nakamura, Y., & Wakita, H. (1982). Terrestrial heat flow around the aseismic front of the Japanese Island Arc. *Tectonophysics, 81*(1), 25-35 https://doi.org/10.1016/0040-1951(82)90114-7.

Nason_Lee_1962 Nason, R.D., & Lee, W.H.K. (1962). Preliminary Heat-Flow Profile across the Atlantic. *Nature, 196*(4858), 975-975 https://doi.org/10.1038/196975a0.

Nason_Lee_1964 Nason, R.D., & Lee, W.H.K. (1964). Heat-flow measurements in the North Atlantic, Caribbean, and Mediterranean. *Journal of Geophysical Research, 69*(22), 4875-4883 https://doi.org/10.1029/JZ069i022p04875.

Nathenson_etal._1980 Nathenson, M., Urban, T.C., Diment, W.H., & Nehring, N.L. (1980). *Temperatures, heat flow, and water chemistry from drill holes in the Raft River geothermal system, Cassia County, Idaho* (USGS-OFR--80-2001). Retrieved from https://doi.org/10.2172/5294453

Negoita_1970 Negoita, V. (1970). Etude sur la distribution des températures en Roumanie. *Revue roumaine de géologie, 14* https://doi.org/10.1594/pangaea.808071.

Negraru_etal._2009 Negraru, P.T., Blackwell, D.D., & Richards, M.C. (2009). Texas heat flow patterns. *Search and Discovery, 80048*(9), 1-9 https://doi.org/10.1594/pangaea.807478.

Negrete-Aranda_etal._2021 Negrete-Aranda, R., Neumann, F., Contreras, J., Harris, R.N., Spelz, R.M., Zierenberg, R., & Caress, D.W. (2021). Transport of Heat by Hydrothermal Circulation in a Young Rift Setting: Observations From the Auka and JaichMaa Ja'ag' Vent Field in the Pescadero Basin, Southern Gulf of California. *Journal of Geophysical Research: Solid Earth, 126*(8), e2021JB022300 https://doi.org/10.1029/2021jb022300.

Negulic_Louden_2016 Negulic, E., & Louden, K.E. (2016). The thermal structure of the central Nova Scotia Slope (eastern Canada): seafloor heat flow and thermal maturation models. *Canadian Journal of Earth Sciences, 54*(2), 146-162 https://doi.org/10.1139/cjes-2016-0060.

Negut_1984 Negut, A. (1984). Implications of the thermal field structure in Mutenia and Oltenia. https://doi.org/10.1594/pangaea.808074.

Nekrasov_1976 Nekrasov, I.A. (1976). Kriolitozona Severo-vostoka I Yuga Sibiri I Zakonomernos- Ti Ee

Razvitiya (Cryolithozone of North-East and South Siberia and patterns of its development). [Криолитозона Северо-востока И Ыуга Сибири И Закономернос- Ти Ее Развитиыа]. *Jakutsk: Jakutskoe Knizhnoe Izdatelstvo*.

Neprimerov_Khodyreva_1987 Neprimerov, N.N., & Khodyreva, E.Y. (1987). Konduktivnye i konvektivnye tep- lovye potoki pripyatskogo neftegazonosnogo basseina - neftyanaya promyshlennost ekspress informatsiya (Conductive and Convective Heat-Low Flows in the Pripyat Oil and Gas Basin). [Кондуктивные и конвективные теп- ловые потоки припыатского нефтегазоносного бассеина - нефтыанаыа промышленност експресС.И.нформатсиыа]. *Geologiya I Geofizika (Geology and Geophysics)*, 14-17.

Neumann_etal._2017 Neumann, F., Negrete-Aranda, R., Harris, R.N., Contreras, J., Sclater, J.G., & González-Fernández, A. (2017). Systematic heat flow measurements across the Wagner Basin, northern Gulf of California. *Earth and Planetary Science Letters, 479*, 340-353 https://doi.org/10.1016/j.epsl.2017.09.037.

Newstead_Beck_1953 Newstead, G., & Beck, A.E. (1953). Borehole temperature measuring equipment and the geothermal flux in Tasmania. *Australian Journal of Physics, 6*(4), 480-489 https://doi.org/10.1071/ph530480.

NIED_1995 Nied. (1995). *Basal structures of the southern Kanto district - Results of drilling and logging of the Chiba, Yokohama, Edosaki, Ichihara and Atsugi observation wells.* Paper presented at the Japan Earth and Planetary Science Joint Meeting.

Nikitin_Khutorskoy_2018 Nikitin, D.S., & Khutorskoy, M.D. (2018). The First Heat Flow Measurements on the Novaya Zemlya Archipelago. *Doklady Earth Sciences, 478*(2), 258-262 https://doi.org/10.1134/S1028334X18020289.

Nishimura_1990 Nishimura, S. (1990). Thermal gradients of deep wells and their terrestrial heat flows (2). *Journal of the Geothermal Research Society of Japan, 12*(3), 283-293 https://doi.org/10.11367/grsj1979.12.283.

Nishimura_etal._1986 Nishimura, S., Mogi, T., & Katsura, K. (1986). Thermal gradients of deep wells and their terrestrial heat flows in central and southwest Japan. *Journal of the Geothermal Research Society of Japan, 8*(4), 347-359 https://doi.org/10.11367/grsj1979.8.347.

Nissen_etal._1995 Nissen, S.S., Hayes, D.E., Bochu, Y., Zeng, W., Chen, Y., & Nu, X. (1995). Gravity, heat flow, and seismic constraints on the processes of crustal extension: Northern margin of the South China Sea. *Journal of Geophysical Research, 100*(B11), 22447-22483 https://doi.org/10.1029/95jb01868.

Noel_1985 Noel, M.J. (1985). Heat flow, sediment faulting and porewater advection in the Madeira abyssal plain. *Earth and Planetary Science Letters, 73*(2-4), 398-406 https://doi.org/10.1016/0012-821x(85)90087-1.

Noel_Hounslow_1988 Noel, M.J., & Hounslow, M.W. (1988). Heat flow evidence for hydrothermal convection in Cretaceous crust of the Madeira Abyssal Plain. *Earth and Planetary Science Letters, 90*(1), 77-86 https://doi.org/10.1016/0012-821x(88)90113-6.

Norden_etal._2008 Norden, B., Foerster, A., & Balling, N. (2008). Heat flow and lithospheric thermal regime in the Northeast German Basin. *Tectonophysics, 460*(44287), 215-229 https://doi.org/10.1016/j.tecto.2008.08.022.

Nouze_etal._2009 Nouzé, H., Cosquer, E., Collot, J.Y., Foucher, J.P., Klingelhoefer, F., Lafoy, Y., & Geli, L. (2009). Geophysical characterization of bottom simulating reflectors in the Fairway Basin (off New Caledonia, Southwest Pacific), based on high resolution seismic profiles and heat flow data. *Marine Geology, 266*(44287), 80-90 https://doi.org/10.1016/j.margeo.2009.07.014.

Novak_1971 Novák, V. (1971). Terrestrial heat flow in deep borehole Zarosice 1 and 2 in the Zdanicke Forest region Zemsky tepelny tok v hlubinnych vrtech Zarosice-1 A 2 v oblasti zdanickeho lesa. [Zemsky tepelny tok v hlubinnych vrtech Zarosice-1 A 2 v oblasti zdanickeho lesa]. *Věstník Ústředního ústavu geologického (Bulletin of the Central Institute of Geology), 46*, 277-284.

Nurusman_Subono_1995 Nurusman, S., & Subono, S. (1995). Heat flow measurements in Indonesia. In M.L.Y.M. Gupta (Ed.), *Terrestrial heat flow and geothermal energy in Asia* (pp. 145-162): Science Publishers.

Nyblade_1997 Nyblade, A.A. (1997). Heat flow across the East African Plateau. *Geophysical Research Letters, 24*(16), 2083-2086 https://doi.org/10.1029/97gl01952.

Nyblade_etal._1990 Nyblade, A.A., Pollack, H.N., Jones, D.L., Podmore, F., & Mushayandebvu, M. (1990). Terrestrial Heat-Flow in East and Southern Africa. *Journal of Geophysical Research*(B11), 17371-17384 https://doi.org/10.1029/JB095iB11p17371.

Nyblade_etal._1996 Nyblade, A.A., Suleiman, I.S., Roy, R.F., Pursell, B., Suleiman, A.S., Doser, D.I., & Keller, G.R. (1996). Terrestrial heat flow in the Sirt Basin, Libya, and the pattern of heat flow across northern Africa. *Journal of Geophysical Research, 101*(B8), 17737-17746 https://doi.org/10.1029/96jb01177.

LDEO_2004 Observatory, L.-D.E. (2004). *unpublished data*.

Oelsner_1978 Oelsner, C. (1978). Eine Wärmestromanomalie bei Freiberg. *Geodät. und geophys.*

Veröffentl. R III, 39, 139–143.

Omura_etal._1995 Omura, K., Horai, K.-I., Kobayashi, Y., & Ikeda, R. (1995). A relationship between the cutoff depth of seismicity and the thermal structure in the crust-measurement of terrestrial heat flow in Neo, Gifu Prefecture. *Japan Earth and Planetary Science Joint* https://doi.org/10.1594/pangaea.809907.

Omura_etal._1994 Omura, K., Ikeda, R., Horai, K.-I., & Kobayashi, Y. (1994). Terrestrial heat flow in an active seismic region: a precise measurement in the Ashio 2km deep borehole. *Seismological Society of Japan*, 147 https://doi.org/10.1594/pangaea.809906.

Onuoha_Ekine_1999 Onuoha, K.M., & Ekine, A.S. (1999). Subsurface temperature variations and heat flow in the Anambra Basin. *Journal of African Earth Sciences, 28*(3), 641-652 https://doi.org/10.1016/s0899-5362(99)00036-6.

ORegan_etal._2016 O'Regan, M., Preto, P., Stranne, C., Jakobsson, M., & Koshurnikov, A. (2016). Surface heat flow measurements from the East Siberian continental slope and southern Lomonosov Ridge, Arctic Ocean. *Geochemistry, Geophysics, Geosystems, 17*(5), 1608-1622 https://doi.org/10.1002/2016gc006284.

Orilski_etal._2010 Orilski, J., Schellschmidt, R., & Wonik, T. (2010, Nov 17-19). *Temperaturverlauf und Wärmeleitfähigkeit im Untergrund der Bohrung Groß Buchholz GT1 in Hannover. Beitrag "Der Geothermiekongress 2010" Karlsruhe.* Paper presented at the Der Geothermiekongress 2010

Karlsruhe.

Oryan_etal._2019 Oryan, B., Villinger, H.W., Lazar, M., Schwab, M.J., Neugebauer, I., & Ben-Avraham, Z. (2019). Heat flow in the Dead Sea from the ICDP boreholes and its implication for the structure of the basin. *Quaternary Science Reviews, 210*, 103-112 https://doi.org/10.1016/j.quascirev.2019.02.016.

Ostrihansky_1980 Ostrihansky, L. (1980). The structure of the Earth's crust and the heat-flow—heat generation relationship in the Bohemian Massif. *Tectonophysics, 68*(3-4), 325-337 https://doi.org/10.1016/0040-1951(80)90182-1.

Oxburgh_etal._1977 Oxburgh, E.R., Richardson, S.W., Bloomer, J.R., Martin, A., & Wright, S.M. (1977). *Sub-surface temperatures from heat flow studies in the United Kingdom.* Paper presented at the Semin. Geothermal Energy (Commission of the European Communities).

Palmason_1967 Palmason, G. (1967). On heat flow in Iceland in relation to the Mid-Atlantic Ridge. In *Iceland and mid-ocean ridges* (Vol. 38, pp. 111-127): Soc. Sci. Islandica Reykjavik.

Palmason_1971 Palmason, G. (1971). *Crustal Structure of Iceland from Explosion Seismology*.

Palmason_1973 Palmason, G. (1973). Kinematics and heat flow in a volcanic rift zone, with application to Iceland. *Geophysical Journal of the Royal Astronomical Society, 33*(4), 451-481 https://doi.org/10.1111/j.1365-246X.1973.tb02379.x.

Pandey_1981 Pandey, O.P. (1981). Terrestrial heat flow in the North Island of New Zealand. *Journal of Volcanology and Geothermal Research, 10*(4), 309-316 https://doi.org/10.1016/0377-0273(81)90083-4.

Pang_1987 Pang, Z. (1987). *Zhangzhou basin geothermal system - genesis model, energy potential and the occurrence of thermal water.* (PhD Ph d thesis).

Parasnis_1975 Parasnis, D.S. (1975). Temperature Phenomena and Heat Flow Estimates in Two Precambrian Ore-bearing Areas in North Sweden. *Geophysical Journal International, 43*(2), 531-554 https://doi.org/10.1111/j.1365-246X.1975.tb00646.x.

Parasnis_1982 Parasnis, D.S. (1982). Geothermal flow and phenomena in two Swedish localities north of the Arctic circle. *Geophysical Journal International, 71*(3), 545-554 https://doi.org/10.1111/j.1365-246X.1982.tb02782.x.

ScientificParty_1983 Party, S.S. (1983). *Leg 87 drills off Honshu and southwest Japan*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.810015

ScientificParty_1990 Party, S.S. (1990). *Proceedings of the Ocean Drilling Program, Scientific Results.* Paper presented at the Proceedings of the Ocean Drilling Program, Initial Reports.

ScientificParty_1997 Party, S.S. (1997). *Explanatory Notes.* Paper presented at the Proceedings of the Ocean Drilling Program, Initial Reports.

Paterson_Law_1966 Paterson, W.S.B., & Law, L.K. (1966). Additional heat flow determinations in the area of Mould Bay, arctic Canada. *Canadian Journal of Earth Sciences*(2), 237-246 https://doi.org/10.1139/e66-019.

Peña-Dominguez_etal._2022 Peña-Domínguez, J.G., Negrete-Aranda, R., Neumann, F., Contreras, J., Spelz, R.M., Vega-Ramírez, L.Á., & González-Fernández, A. (2022). Heat flow and 2D multichannel seismic reflection survey of the Devil's Hole geothermal reservoir in the Wagner basin, northern Gulf of California. *Geothermics, 103*, 102415 https://doi.org/https://doi.org/10.1016/j.geothermics.2022.102415.

Peng_etal._2015 Peng, T., Wu, J.-W., Ren, Z.-Q., Xu, S.-P., & Zhang, H.-C. (2015). Distribution of terrestrial heat flow and structural control in Huainan-Huaibei Coalfield 两淮煤田大地热

流分布及其构造控制. [两淮煤田大地热流分布及其构造控制]. *Chinese Journal of Geophysics, 58*(7), 2391-2401 https://doi.org/10.6038/cjg20150716.

Perry_etal._2006 Perry, H.K.C., Jaupart, C., Mareschal, J.-C., & Bienfait, G. (2006). Crustal heat production in the Superior Province, Canadian Shield, and in North America inferred from heat flow data. *Journal of Geophysical Research, 111*(B4) https://doi.org/10.1029/2005jb003893.

Perry_etal._2004 Perry, H.K.C., Jaupart, C., Mareschal, J.-C., Rolandone, F., & Bienfait, G. (2004). Heat flow in the Nipigon arm of the Keweenawan rift, northwestern Ontario, Canada. *Geophysical Research Letters, 31*(15) https://doi.org/10.1029/2004gl020159.

Perry_etal._1979 Perry, L.D., Costain, J.K., & Geiser, P.A. (1979). Heat flow in western Virginia and a model for the origin of thermal springs in the folded Appalachians. *Journal of Geophysical Research, 84*(B12), 6875-6883 https://doi.org/10.1029/JB084iB12p06875.

Perusini_etal._1982 Perusini, P., Squarci, P., Taffi, L., Loddo, M., Mongelli, F.M., & Tramacere, A. (1982). Misure di flusso di calore nella "Dorsale Medio Toscana" tra Monticiano e Roccastrada. [Misure di flusso di calore nella "Dorsale Medio Toscana" tra Monticiano e Roccastrada]. *Energia Geotermica: Prospettive aperte dalle ricerche del CNR, SI-3*, 99-112 https://doi.org/10.1594/pangaea.807639.

Pfister_etal._1998 Pfister, M., Rybach, L., & Simsek, S. (1998). Geothermal reconnaissance of the Marmara Sea region (NW Turkey): surface heat flow density in an area of active continental extension. *Tectonophysics, 291*(44287), 77-89 https://doi.org/10.1016/s0040-1951(98)00032-8.

Pinet_etal._1991 Pinet, C., Jaupart, C., Mareschal, J.-C., Gariepy, C., Bienfait, G., & Lapointe, R. (1991). Heat-Flow and Structure of the Lithosphere in the Eastern Canadian Shield. *Journal of Geophysical Research, 96*(B12), 19941-19963 https://doi.org/10.1029/91jb01020.

Pollett_etal._2019a Pollett, A., Hasterok, D.P., Raimondo, T., Halpin, J.A., Hand, M., Bendall, B., & McLaren, S. (2019). Heat Flow in Southern Australia and Connections With East Antarctica. *Geochemistry, Geophysics, Geosystems, 20*(11), 5352-5370 https://doi.org/10.1029/2019gc008418.

Pollett_etal._2019b Pollett, A., Thiel, S., Bendall, B., Raimondo, T., & Hand, M. (2019). Mapping the Gawler Craton–Musgrave Province interface using integrated heat flow and magnetotellurics. *Tectonophysics, 756*, 43-56 https://doi.org/10.1016/j.tecto.2019.02.017.

Polyak_etal._1996 Polyak, B.G., Fernandez, M., Khutorskoy, M.D., Soto, J.I., Basov, I.A., Comas, M.C., Khain, V.Y., Alonso, B., Agapova, G.V., Mazurova, I.S., Negredo, A., Tochitsky, V.O., delaLinde, J., Bogdanov, N.A., & Banda, E. (1996). Heat flow in the Alboran Sea, western Mediterranean. *Tectonophysics, 263*(1), 191-218 https://doi.org/10.1016/0040-1951(95)00178-6.

Poort_Klerkx_2004 Poort, J., & Klerkx, J. (2004). Absence of a regional surface thermal high in the Baikal rift - new insights from detailed contouring of heat flow anomalies. *Tectonophysics, 383*(44289), 217-241 https://doi.org/10.1016/j.tecto.2004.03.011.

Poort_etal._2007 Poort, J., Kutas, R.I., Klerkx, J., Beaubien, S., Lombardi, S., Dimitrov, L., Vassilev, A., & Naudts, L. (2007). Strong heat flow variability in an active shallow gas environment, Dnepr palaeo-delta, Black Sea. *Geo-Marine Letters, 27*(44288), 185-195 https://doi.org/10.1007/s00367-007-0072-4.

Poort_etal._2020 Poort, J., Lucazeau, F., Le Gal, V., Dal Cin, M., Leroux, E., Bouzid, A., Rabineau, M., Palomino, D., Battani, A., Akhmanov, G.G., Ferrante, G.M., Gafurova, D.R., Si Bachir, R., Koptev, A.A., Tremblin, M., Bellucci, M., Pellen, R., Camerlenghi, A., Migeon, S., Alonso, B., Ercilla, G., Yelles-Chaouche, A.K., & Khlystov, O.M. (2020). Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the transfer zones. *Marine Geology, 419*, 106064 https://doi.org/https://doi.org/10.1016/j.margeo.2019.106064.

Poort_etal._2010 Poort, J., Rimi, A., Lucazeau, F., Maliki, A., & Bouquerel, H. (2010). Low heat flow in the Atlas Mountains and the implications for the origin of the uplift. *EGU General Assembly 2010, 12*, 10801.

Popov_etal._2021 Popov, Y., Spasennykh, M., Shakirov, A., Chekhonin, E., Romushkevich, R.A., Savelev, E., Gabova, A., Zagranovskaya, D., Valiullin, R., Yuarullin, R., Golovanova, I., & Sal'manova, R.Y. (2021). Advanced determination of heat flow density on an example of a West Russian oil field. *Géosciences, 11*(8), 346 https://doi.org/10.3390/geosciences11080346.

Popov_etal._1999 Popov, Y.A., Pevzner, S.L., Pimenov, V.P., & Romushkevich, R.A. (1999). New geothermal data from the Kola superdeep well SG-3. *Tectonophysics, 306*(3), 345-366 https://doi.org/10.1016/s0040-1951(99)00065-7.

Popov_etal._1998 Popov, Y.A., Pimenov, V.P., Pevzner, L.A., Romushkevich, R.A., & Popov, E.Y. (1998). Geothermal characteristics of the Vorotilovo deep borehole drilled into the Puchezh-Katunk impact structure. *Tectonophysics, 291*(44287), 205-223

https://doi.org/10.1016/s0040-1951(98)00041-9.

Popova_1974 Popova, A.K. (1974). *Rezultaty Izmereniya Teplovogo Potoka Na Akvatoriyakh (Results of Measurement of Heat Flow in Water Areas)* (Vol. 44228).

Potter_1973 Potter, R.M. (1973). *Heat flow of the Jemez plateau (abs.): Eos Trans*.

Powell_1997 Powell, W.G. (1997). *Thermal state of the lithosphere in the Colorado Plateau–Basin and Range transition zone, Utah.* (Ph.D.). University of Utah, Retrieved from https://doi.pangaea.de/10.1594/pangaea.805544 Available from http://heatflow.org/thermoglobe/publications/ec02ccd7-3aa5-450b-bfcc-a21cc8cc8401

Pribnow_etal._2000 Pribnow, D.F.C., Davis, E.E., & Fisher, A.T. (2000). Borehole heat flow along the eastern flank of the Juan de Fuca Ridge, including effects of anisotrpy and temperature dependence of sediment thermal conductivity. *Journal of Geophysical Research, 105*(B6), 13449-13456 https://doi.org/10.1029/2000jb900005.

Pribnow_etal._2000a Pribnow, D.F.C., Kinoshita, M., & Stein, C.A. (2000). *Thermal data collection and heat flow recalculations for Ocean Drilling Program Legs 101–180.* Paper presented at the ODP Heat Flow Rep.

Prol-Ledesma_etal._2018 Prol-Ledesma, R.-M., Carrillo-de la Cruz, J.-L., Torres-Vera, M.-A., Membrillo-Abad, A.-S., & Espinoza-Ojeda, O.M. (2018). Heat flow map and geothermal resources in Mexico. *Terra Digitalis, 2* https://doi.org/10.22201/igg.25940694.2018.2.51.105.

Prol-Ledesma_etal._1989 Prol-Ledesma, R.-M., Sugrobov, V.M., Flores, E.L., Smirnov, Y.B., Gorshkov, A.P., Bondarenko, V.G., Rashidov, V.A., Nedopekin, L.N., & Gavrilov, V.A. (1989). Heat flow variations along the middle America Trench. *Marine Geophysical Research, 11*(1), 69-76 https://doi.org/10.1594/pangaea.805577.

Puranen_etal._1968 Puranen, M., Järvimäki, P., Hämäläinen, U., & Lehtinen, S. (1968, 1968/09/01/). *Terrestrial heat flow in Finland.* Paper presented at the Geoexploration.

Purss_Cull_2001 Purss, M.B.J., & Cull, J.P. (2001). Heat-flow data in western Victoria. *Australian Journal of Earth Sciences, 48*(1), 44287 https://doi.org/10.1046/j.1440-0952.2001.00840.x.

Pye_Hyndman_1972 Pye, G.D., & Hyndman, R.D. (1972). Heat-flow measurements in Baffin Bay and the Labrador Sea. *Journal of Geophysical Research, 77*(5), 938-944 https://doi.org/10.1029/JB077i005p00938.

Qui_2003 Qiu, N.-S. (2003). Geothermal regime in the Qaidam basin, northeast Qinghai–Tibet Plateau. *Geological Magazine, 140*(6), 707-719 https://doi.org/10.1017/s0016756803008136.

Rabinowtiz_Ludwig_1980 Rabinowitz, P.D., & Ludwig, W.J. (1980). Geophysical measurements at candidate drill sites along an east-west flow line in the Central Atlantic Ocean. *Marine Geology, 35*(1), 243-275 https://doi.org/https://doi.org/10.1016/0025-3227(80)90033-X.

Rahman_Roy_1981 Rahman, J.L., & Roy, R.F. (1981). Preliminary heat-flow measurement at the Illinois deep drill hole. *Eos, Transactions American Geophysical Union, 62*, 388.

Raksaskulwong_Thienprasert_1995 Raksaskulwong, M., & Thienprasert, A. (1995). Heat flow studies and geothermal energy development in Thailand. In *Terrestrial heat flow and geothermal energy in Asia* (pp. 129-144).

Ramaekers_1991 Ramaekers, J.J.F. (1991). Catalogue of Heat Flow Density Data: The Netherlands. In *Geothermal Atlas of Europe* (pp. 126-128).

Rankin_1974 Rankin, D.S. (1974). *Heat flow: heat production studies in Nova Scotia.* (Ph.D.). Available from http://heatflow.org/thermoglobe/publications/d018c02d-3d16-4469-ad93-b01f2218cc2c

Rankin_Hyndman_1971 Rankin, D.S., & Hyndman, R.D. (1971). Shallow Water Heat Flow Measurements in Bras D'or Lake, Nova Scotia. *Canadian Journal of Earth Sciences, 8*(1), 96-101 https://doi.org/10.1139/e71-006.

Rao_Rao_1983 Rao, G.V., & Rao, R.U.M. (1983). Heat flow in Indian Gondwana basins and heat production in basement rocks. *Tectonophysics, 91*(1-2), 105-117 https://doi.org/10.1016/0040-1951(83)90060-4.

Rao_1970 Rao, R.U.M. (1970). *Heat flow studies in Kolar schist belt, Singbhum thrust zone and Godavari valley, India.* (Ph D thesis). Andhra Univ. Waltair India,

Rao_Rao_1974 Rao, R.U.M., & Rao, G.V. (1974). Results of some geothermal studies in Singhbhum Thrust Belt, India. *Geothermics, 3*(4), 153-161 https://doi.org/10.1016/0375-6505(74)90014-5.

Rao_etal._1970a Rao, R.U.M., Verma, R.K., Rao, G.V., Hamza, V.M., Panda, P.K., & Gupta, M.L. (1970). Heat flow studies in the Godavari Valley (India). *Tectonophysics, 10*(1), 165-181 https://doi.org/10.1016/0040-1951(70)90105-8.

Rao_etal._2013 Rao, S., Hu, S.-B., Zhu, C.-Q., Tang, X.-Y., Li, W.-W., & Wang, J.-Y. (2013). Characteristics of Heat Flow and Lithospheric Thermal Structure in the Junggar Basin, Northwestern China. *Chinese Journal of Geophysics, 56*(5), 661-673 https://doi.org/https://doi.org/10.1002/cjg2.20061.

Rao_etal._2016 Rao, S., Jiang, G.-Z., Gao, Y.J., Hu, S.-B., & Wang, J.-Y. (2016). The thermal structure of

the lithosphere and heat source mechanism of geothermal field in Weihe Basin. *59*, 2176-2190 https://doi.org/10.6038/cjg20160622.

Ravnik_1991 Ravnik, D. (1991). Catalogue of Heat Flow Density Data: Yugoslavia. In *Geothermal Atlas of Europe* (pp. 152-153).

Ray_etal._2003 Ray, L., Kumar, P.S., Reddy, G.K., Roy, S., Rao, G.V., Srinivasan, R., & Rao, R.U.M. (2003). High mantle heat flow in a Precambrian granulite province: Evidence from southern India. *Journal of Geophysical Research, 108*(B2) https://doi.org/10.1029/2001jb000688.

Redfield_1965 Redfield, A.C. (1965). Terrestrial Heat Flow through Salt-Marsh Peat. *Science, 148*(3674), 1219 https://doi.org/10.1126/science.148.3674.1219.

Reiter_Clarkson_1983 Reiter, M., & Clarkson, G. (1983). Relationships between heat flow, paleotemperatures, coalification and petroleum maturation in the San Juan Basin, northwest New Mexico and southwest Colorado. *Geothermics*(4), 323-339 https://doi.org/10.1016/0375-6505(83)90005-6.

Reiter_Costain_1973 Reiter, M., & Costain, J.K. (1973). Heat flow in southwestern Virginia. *Journal of Geophysical Research, 78*(8), 1323-1333 https://doi.org/10.1029/JB078i008p01323.

Reiter_etal._1975 Reiter, M., Edwards, C.L., Hartman, H., & Weidman, C. (1975). Terrestrial Heat Flow along the Rio Grande Rift, New Mexico and Southern Colorado. *Geological Society of America Bulletin, 86*(6), 811-818 https://doi.org/10.1130/0016-7606(1975)86<811:Thfatr>2.0.Co;2.

Reiter_etal._1986 Reiter, M., Eggleston, R.E., Broadwell, B.R., & Minier, J. (1986). Estimates of terrestrial heat flow from deep petroleum tests along the Rio Grande Rift in central and southern New Mexico. *Journal of Geophysical Research, 91*(B6), 6225-6245 https://doi.org/10.1029/JB091iB06p06225.

Reiter_Mansure_1983 Reiter, M., & Mansure, A.J. (1983). Geothermal studies in the San Juan Basin and the Four Corners area of the Colorado Plateau I. Terrestrial heat-flow measurements. *Tectonophysics, 91*(3), 233-251 https://doi.org/10.1016/0040-1951(83)90043-4.

Reiter_etal._1979 Reiter, M., Mansure, A.J., & Shearer, C. (1979). Geothermal characteristics of the colorado plateau. *Tectonophysics, 61*(1), 183-195. Retrieved from file://X:\databases\databases\databases\literature_global\Reiter_etal._1979.pdf.

Reiter_etal._1985 Reiter, M., Minier, J., & Gutjahr, A. (1985). Variance analysis of estimates and measurements of terrestrial heat flow. *Geothermics, 14*(4), 499-509 https://doi.org/10.1016/0375-6505(85)90001-x.

Reiter_Shearer_1979 Reiter, M., & Shearer, C. (1979). Terrestrial heat flow in eastern Arizona: A first report. *Journal of Geophysical Research, 84*(B11), 6115-6120 https://doi.org/10.1029/JB084iB11p06115.

Reiter_etal._1978 Reiter, M., Shearer, C., & Edwards, C.L. (1978). Geothermal anomalies along the Rio Grande rift in New Mexico. *Geology, 6*(2), 85-88.

Reiter_etal._1976a Reiter, M., Simmons, G., Chessman, M.D., England, T., Hartman, H., & Weidman, C. (1976). *Terrestrial heat flow near Datil, New Mexico*. Retrieved from

Reiter_Smith_1977 Reiter, M., & Smith, R.N. (1977). Subsurface temperature data in the Socorro Peak KGRA, New Mexico. *Geothermal Energy, 5*(10) https://doi.org/10.1594/pangaea.807643.

Reiter_Tovar_1982 Reiter, M., & Tovar, J.C. (1982). Estimates of terrestrial heat flow in northern Chihuahua, Mexico, based upon petroleum bottom-hole temperatures. *Geological Society of America Bulletin, 93*(7) https://doi.org/10.1130/0016-7606(1982)93<613:Eothfi>2.0.Co;2.

Reiter_etal._1976 Reiter, M., Weidman, C., Edwards, C.L., & Hartman, H. (1976). *Subsurface temperature data in Jemez Mountains, New Mexico*. Retrieved from

Reitzel_1961a Reitzel, J.S. (1961). Some heat-flow measurements in the North Atlantic. *Journal of Geophysical Research*(7), 2267-2268 https://doi.org/10.1029/JZ066i007p02267.

Reitzel_1963 Reitzel, J.S. (1963). A region of uniform heat flow in the North Atlantic. *Journal of Geophysical Research, 68*(18), 5191-5196 https://doi.org/10.1029/JZ068i018p05191.

Ren_1988 Ren, Z.-L. (1998). Determination of heat flow in well qincan 1 in Qinshui basin, Shanxi province. *Scientia Geologica Sinica (Chinese Journal of Geology), 32*(2), 251–253.

Ren_etal._2000 Ren, Z.-L., Liu, C.-Y., Zhang, X.H., Wu, H.-N., Chen, G., Li, J.-B., & Ma, T.-X. (2000). Recovery and comparative research of thermal history on Jiuquan basin group. *Chinese Journal of Geophysics, 43*(5), 635-645. Retrieved from <Go to ISI>://WOS:000089698500007.

Ren_etal._2015 Ren, Z.-Q., Peng, T., Shen, S., Zhang, H.-C., Xu, S.-P., & Wu, J.-W. (2015). The Distribution Characteristics of Current Geothermal Field in Huainan Coalfield. *Journal of China University of Geosciences, 21*(1), 147-154 https://doi.org/10.16108/j.issn1006-7493.2014109.

Revelle_Maxwell_1952 Revelle, R., & Maxwell, A.E. (1952). Heat Flow through the Floor of the Eastern North Pacific Ocean. *Nature, 170*(4318), 199-200 https://doi.org/10.1038/170199a0.

Reznik_Bartov_2021 Reznik, I.J., & Bartov, Y. (2021). Present Heat Flow and Paleo-Geothermal Anomalies in the Southern Golan Heights, Israel. *Earth and Space Science, 8*(3) https://doi.org/10.1029/2020EA001299.

Rhea_etal._1964 Rhea, K., Northrop, J., & Von Herzen, R.P. (1964). Heat-flow measurements between North America and the Hawaiian Islands. *Marine Geology, 1*(3), 220-224 https://doi.org/10.1016/0025-3227(64)90060-x.

Richardson_Oxburgh_1978 Richardson, S.W., & Oxburgh, E.R. (1978). Heat flow, radiogenic heat production and crustal temperatures in England and Wales. *Geological Society of London, 135*(3), 323-337 https://doi.org/10.1144/gsjgs.135.3.0323.

Riedel_etal._2021 Riedel, M., Bialas, J., Villinger, H.W., Pape, T., Haeckel, M., & Bohrmann, G. (2021). Heat flow measurements at the Danube Deep-Sea Fan, Western Black Sea. *Géosciences, 11*(6), 240 https://doi.org/10.3390/geosciences11060240.

Rimi_1990 Rimi, A. (1990). Geothermal gradients and heat flow trends in Morocco. *Geothermics, 19*(5), 443-454 https://doi.org/10.1016/0375-6505(90)90057-i.

Rimi_etal._1998 Rimi, A., Chalouan, A., & Bahi, L. (1998). Heat flow in the westernmost part of the Alpine Mediterranean system (the Rif, Morocco). *Tectonophysics, 285*(1), 135-146 https://doi.org/10.1016/s0040-1951(97)00185-6.

Rimi_Lucazeau_1987 Rimi, A., & Lucazeau, F. (1987). Heat flow density measurements in northern Morocco. *Journal of African Earth Sciences, 6*(6), 835-843 https://doi.org/10.1016/0899-5362(87)90041-8.

Risk_Hochstein_1974 Risk, G.F., & Hochstein, M.P. (1974). Heat flow at arrival heights, Ross Island, Antarctica. *New Zealand Journal of Geology and Geophysics, 17*(3), 629-644 https://doi.org/10.1080/00288306.1973.10421586.

Ritter_etal._2004 Ritter, U., Zielinski, G.W., Weiss, H.M., Zielinski, R.L.B., & Saettem, J. (2004). Heat flow in the Voring Basin, Mid-Norwegian shelf. *Petroleum Geoscience, 10*(4), 353-365 https://doi.org/10.1144/1354-079303-616.

Roberts_etal._1984 Roberts, D.G., Backman, J., Morton, A., Murray, J.W., & Keene, J.B. (1984). Evolution of Volcanic Rifted Margins: Synthesis of Leg 81 Results on the West Margin of Rockall Plateau. *Initial Reports of the Deep Sea Drilling Project, 81*, 883-911 https://doi.org/10.2973/dsdp.proc.81.139.1984.

Rolandone_etal._2002 Rolandone, F., Jaupart, C., Mareschal, J.-C., Gariepy, C., Bienfait, G., Carbonne, C., & Lapointe, R. (2002). Surface heat flow, crustal temperatures and mantle heat flow in the Proterozoic Trans-Hudson Orogen, Canadian Shield. *Journal of Geophysical Research, 107*(B12) https://doi.org/10.1029/2001jb000698.

Rolandone_etal._2013 Rolandone, F., Lucazeau, F., Leroy, S., Mareschal, J.-C., Jorand, R., Goutorbe, B., & Bouquerel, H. (2013). New heat flow measurements in Oman and the thermal state of the Arabian Shield and Platform. *Tectonophysics, 589*, 77-89 https://doi.org/10.1016/j.tecto.2012.12.034.

Rolandone_etal._2020 Rolandone, F., Lucazeau, F., Poort, J., & Leroy, S. (2020). Heat flow estimates offshore Haiti in the Caribbean plate. *Terra Nova, 32*(3), 179-186 https://doi.org/10.1111/ter.12454.

Rolandone_etal._2003a Rolandone, F., Mareschal, J.-C., Jaupart, C., Gosselin, C., Bienfait, G., & Lapointe, R. (2003). Heat flow in the western Superior Province of the Canadian shield. *Geophysical Research Letters, 30*(12) https://doi.org/10.1029/2003gl017386.

Rona_etal._1996 Rona, P.A., Petersen, S., Becker, K., Von Herzen, R.P., Hannington, M.D., Herzig, P.M., Naka, J., Lalou, C., & Thompson, G.E.K. (1996). Heat flow and mineralogy of TAG relict high-temperature hydrothermal zones: Mid-Atlantic ridge 26 degrees N, 45 degrees W. *Geophysical Research Letters, 23*(23), 3507-3510 https://doi.org/10.1029/96gl03257.

Ross_1971 Ross, S.H. (1971). Geothermal potential of Idaho. Review with 70 references. *Bureau of Mines and Geology, 150*.

Roy_1963 Roy, R.F. (1963). *Heat flow measurements in the United States.* Harvard University,

Roy_etal._1972 Roy, R.F., Blackwell, D.D., & Decker, E.R. (1972). *Continental heat flow*.

Roy_etal._1968 Roy, R.F., Decker, E.R., Blackwell, D.D., & Birch, F.S. (1968). Heat flow in the United States. *Journal of Geophysical Research, 73*(16), 5207-5221 https://doi.org/10.1029/JB073i016p05207.

Roy_etal._1983 Roy, R.F., Taylor, B., & Miklas Jr, M.P. (1983). *Geothermal exploration in Trans-Pecos, Texas/New Mexico. Final report*. Retrieved from https://doi.org/10.2172/6719351

Roy_etal._1980 Roy, R.F., Taylor, B., Pyron, A.J., & Maxwell, J.C. (1980). *Heat-flow measurements in the state of Arkansas*. Retrieved from

Roy_Rao_1999 Roy, S., & Rao, R.U.M. (1999). Geothermal investigations in the 1993 Latur earthquake area, Deccan Volcanic Province, India. *Tectonophysics, 306*(2), 237-252 https://doi.org/10.1016/s0040-1951(99)00051-7.

Roy_Rao_2000 Roy, S., & Rao, R.U.M. (2000). Heat flow in the Indian shield. *Journal of Geophysical Research, 105*(B11), 25587-25604 https://doi.org/10.1029/2000jb900257.

Roy_etal._2008 Roy, S., Ray, L., Bhattacharya, A., & Srinivasan, R. (2008). Heat flow and crustal thermal structure in the Late Archaean Closepet Granite batholith, south India. *International Journal of Earth Sciences, 97*(2), 245-256 https://doi.org/10.1007/s00531-007-0239-2.

Ruppel_etal._1995 Ruppel, C., Von Herzen, R.P., & Bonneville, A. (1995). Heat-Flux through an Old (Approximate-to-175 Ma) Passive Margin - Offshore Southeastern United-States. *Journal of Geophysical Research, 100*(B10), 20037-20057 https://doi.org/10.1029/95jb01860.

Ryan_1969 Ryan, W.B.F. (1969). *The Floor of the Mediterranean Sea.* (PhD). Columbia University,

Rybach_Finckh_1979 Rybach, L., & Finckh, P.G. (1979). Heat flow data in Switzerland. In *Terrestrial Heat Flow in Europe* (pp. 278-282): Springer.

Rysgaard_etal._2018 Rysgaard, S., Bendtsen, J., Mortensen, J., & Sejr, M.K. (2018). High geothermal heat flux in close proximity to the Northeast Greenland Ice Stream. *Scientific Reports, 8*(1), 1344 https://doi.org/10.1038/s41598-018-19244-x.

Sacks_etal._2000 Sacks, I.S., Suyehiro, K., & Acton, G.D. (2000). *Leg 186 Summary.* Paper presented at the Proceedings of the Ocean Drilling Program, Initial Reports.

Saettem_1988 Saettem, J. (1988). Varmestrømsmaelinger i Barentshavet. *Nordiske Geologiske Vintermøde, København, 18*, 406-408 https://doi.org/10.1594/pangaea.810096.

Safanda_etal._1995 Safanda, J., Kresl, M., Cermak, V., Hasanean, A.R.G., Deebes, H.A., Abd-Alla, M.A., & Moustafa, S.M. (1995). Subsurface temperature measurements and terrestrial heat flow estimates in the Aswan region, Egypt. *Studia Geophysica et Geodaetica, 39*(2), 162-176 https://doi.org/10.1594/pangaea.805737.

Saki_etal._1986 Saki, T., Kaneda, Y., & Aoyagi, K. (1986). Measurement of heat flow in the continental shelf of the Japan Sea. *CCOP Technical Bulletin, 15*, 123-128 https://doi.org/10.1594/pangaea.807665.

Salat_1967 Salat, P. (1967). *The measurement of terrestrial heat flow in the Mecsek Mts.* (Ph.D.). Available from http://heatflow.org/thermoglobe/publications/819a040e-b902-4bd0-8c09-1fdafa0efb7c

Salat_1968 Salat, P. (1968). *The measurement of terrestrial heat flow at Budapest and Recsk: Unpublished paper*.

Salmi_etal._2014 Salmi, M.S., Johnson, P.H., Tivey, M.A., & Hutnak, M. (2014). Quantitative estimate of heat flow from a mid-ocean ridge axial valley, Raven field, Juan de Fuca Ridge: Observations and inferences. *Journal of Geophysical Research, 119*(9), 6841-6854 https://doi.org/10.1002/2014jb011086.

Salnikov_1976a Salnikov, V.E. (1976). Geotermicheskie gradienty i teplovoj potok v Magnitogorskom megasinklinorii (Geothermal gradients and heat flows in the Magnitagorsk megasynclinorium). In V.E. Salnikov (Ed.), *Geothermy. Geothermal studies in the USSR* (pp. 36–44). Moscow.

Salnikov_1976b Salnikov, V.E. (1976). Teplovye potoki na Yuzhnom Urale (Heat flows in the Southern Urals). In V.E. Salnikov (Ed.), *Geothermy. Geothermal studies in USSR* (Vol. 1, pp. 45–52). Moscow.

Salnikov_1982 Salnikov, V.E. (1982). Novye dannye o raspredelenii teplovogo potoka na Yuzhnom Urale (New data on the heat flow distribution in the Southern Urals). [Новые данные о распределении теплового потока на Южном Урале]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences), 265*(4), 944–947.

Salnikov_Golovanova_1990 Salnikov, V.E., & Golovanova, I.V. (1990). Novye dannye o raspredelenii teplovogo potoka na Urale (New data on the distribution of heat flow in the Urals). [Новые данные о распределении теплового потока на Урале]. *Geologiya I Geofizika (Geology and Geophysics)*(12), 129–135.

Salnikov_Ogarinov_1977 Salnikov, V.E., & Ogarinov, I.S. (1977). Zona anomal'no nizkih teplovyh potokov na Yuzhnom Urale (An area of abnormally low heat flows in the Southern Urals). [Зона аномально низких тепловых потоков на Южном Урале]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences), 237*(6), 1456-1459.

Saltus_Lachenbruch_1991 Saltus, R.W., & Lachenbruch, A.H. (1991). Thermal Evolution of the Sierra-Nevada - Tectonic Implications of New Heat-Flow Data. *Tectonics, 10*(2), 325-344 https://doi.org/10.1029/90tc02681.

Sammel_Craig_1981 Sammel, E.A., & Craig, R.W. (1981). *The geothermal hydrology of Warner Valley, Oregon - a reconnaissance study*. Retrieved from http://pubs.er.usgs.gov/publication/pp1044I

Sarkar_Singh_2005 Sarkar, R.K., & Singh, O.P. (2005). A note on the heat flow studies at Sohagpur and Raniganj coalfield areas, India. *Acta Geophysica Polonica, 53*, 197-204 https://doi.org/10.1594/pangaea.805742.

Sass_1964b Sass, J.H. (1964). Heat flow values from eastern Australia. *Journal of Geophysical Research, 69*(18), 3889-3893 https://doi.org/10.1029/JZ069i018p03889.

Sass_1964a Sass, J.H. (1964). Heat-flow values from the precambrian shield of western Australia.

Journal of Geophysical Research, 69(2), 299-308 https://doi.org/10.1029/JZ069i002p00299.

Sass_1984 Sass, J.H. (1984). *Thermal studies at the Brantley Damsite on the Pecos River near Carlsbad, New Mexico*. Retrieved from http://pubs.er.usgs.gov/publication/ofr84663

Sass_Behrendt_1980 Sass, J.H., & Behrendt, J.C. (1980). Heat flow from the Liberian Precambrian Shield. *Journal of Geophysical Research, 85*(B6), 3159-3162 https://doi.org/10.1029/JB085iB06p03159.

Sass_etal._1981a Sass, J.H., Blackwell, D.D., Chapman, D.S., Costain, J.K., Decker, E.R., Lawver, L.A., & Swanberg, C.A. (1981). Heat flow from the crust of the United States. In Y.S.J.W.R.R.R.F. Touloukian (Ed.), *Physical properties of rocks and minerals* (Vol. 11, pp. 503-548). New York: McGraw-Hill.

Sass_etal._1967 Sass, J.H., Clark Jr, S.P., & Jaeger, J.C. (1967). Heat flow in the Snowy Mountains of Australia. *Journal of Geophysical Research, 72*(10), 2635-2647 https://doi.org/10.1029/JZ072i010p02635.

Sass_Galanis_1983 Sass, J.H., & Galanis Jr, S.P. (1983). *Temperatures, thermal conductivity, and heat flow from a well in Pierre Shale near Hayes, South Dakota* (2331-1258). Retrieved from https://doi.org/10.3133/ofr8325

Sass_etal._1984 Sass, J.H., Galanis Jr, S.P., Lachenbruch, A.H., Marshall, B.V., & Munroe, R.J. (1984). *Temperature, thermal conductivity, heat flow, and radiogenic heat production from unconsolidated sediments of the Imperial Valley, California* (84-490). Retrieved from http://pubs.er.usgs.gov/publication/ofr84490

Sass_etal._1978b Sass, J.H., Galanis Jr, S.P., Marshall, B.V., Lachenbruch, A.H., Munroe, R.J., & Moses Jr, T.H. (1978). *Conductive heat flow in the Randsburg area, California* (78-756). Retrieved from https://doi.org/10.3133/ofr78756

Sass_etal._1982a Sass, J.H., Galanis Jr, S.P., & Munroe, R.J. (1982). *Measurement of heat flow by a downhole probe technique in the San Joaquin Valley, California* (82-819). Retrieved from http://pubs.er.usgs.gov/publication/ofr82819

Sass_etal._1976c Sass, J.H., Galanis Jr, S.P., Munroe, R.J., & Urban, T.C. (1976). *Heat-flow data from southeastern Oregon* (76-217). Retrieved from http://pubs.er.usgs.gov/publication/ofr76217

Sass_etal._1976b Sass, J.H., Jaeger, J.C., & Munroe, R.J. (1976). *Heat flow and near surface radioactivity in Australian continental crust*. Retrieved from https://doi.org/10.3133/ofr76250

Sass_etal._1979a Sass, J.H., Kennelly, J.P., Wendt, W.E., Moses Jr, T.H., & Ziagos, J.P. (1979). *In situ determination of heat flow in unconsolidated sediments* (79-593). Retrieved from http://pubs.er.usgs.gov/publication/ofr79593

Sass_etal._1968 Sass, J.H., Killeen, P.G., & Mustonen, E.D. (1968). Heat flow and surface radioactivity in the Quirke Lake Syncline near Elliot Lake, Ontario, Canada. *Canadian Journal of Earth Sciences, 5*(6), 1417-1428 https://doi.org/10.1139/e68-141.

Sass_etal._1994 Sass, J.H., Lachenbruch, A.H., Galanis Jr, S.P., Morgan, P., Priest, S.S., Moses Jr, T.H., & Munroe, R.J. (1994). Thermal Regime of the Southern Basin and Range Province .1. Heat-Flow Data from Arizona and the Mojave Desert of California and Nevada. *Journal of Geophysical Research, 99*(B11), 22093-22119 https://doi.org/10.1029/94jb01891.

Sass_etal._1986 Sass, J.H., Lachenbruch, A.H., Galanis Jr, S.P., Munroe, R.J., & Moses Jr, T.H. (1986). *An analysis of thermal data from the vicinity of Cajon Pass, California* (2331-1258). Retrieved from https://doi.org/10.3133/ofr86468

Sass_etal._1971b Sass, J.H., Lachenbruch, A.H., & Jessop, A.M. (1971). Uniform heat flow in a deep hole in the Canadian Shield and its paleoclimatic implications. *Journal of Geophysical Research, 76*(35), 8586-8596 https://doi.org/10.1029/JB076i035p08586.

Sass_etal._1980 Sass, J.H., Lachenbruch, A.H., & Mase, C.W. (1980). *Analysis of thermal data from drill holes UE25a-3 and UE25a-1, Calico Hills and Yucca Mountain, Nevada Test Site* (80-826). Retrieved from https://doi.org/10.3133/ofr80826

Sass_etal._1971a Sass, J.H., Lachenbruch, A.H., & Munroe, R.J. (1971). Thermal conductivity of rocks from measurements on fragments and its application to heat-flow determinations. *Journal of Geophysical Research, 76*(14), 3391-3401 https://doi.org/10.1029/JB076i014p03391.

Sass_etal._1971c Sass, J.H., Lachenbruch, A.H., Munroe, R.J., Greene, G.W., & Moses Jr, T.H. (1971). Heat flow in the western United States. *Journal of Geophysical Research, 7*(26), 6376-6413.

Sass_etal._1983b Sass, J.H., Lachenbruch, A.H., & Smith, E.P. (1983). *Temperature profiles from Salt Valley, Utah, thermal conductivity of 10 samples from drill hole DOE 3, and preliminary estimates of heat flow* (83-455). Retrieved from https://doi.org/10.3133/ofr83455

Sass_etal._1983a Sass, J.H., Lachenbruch, A.H., & Smith, E.P. (1983). *Thermal data from well GD-1, Gibson Dome, Paradox Valley, Utah* (83-476). Retrieved from

http://pubs.er.usgs.gov/publication/ofr83476

Sass_etal._1985 Sass, J.H., Lawver, L.A., & Munroe, R.J. (1985). A heat-flow reconnaissance southeastern Alaska. *Canadian Journal of Earth Sciences, 22*(3), 416-421 https://doi.org/10.1139/e85-040.

Sass_LeMarne_1963 Sass, J.H., & Le Marne, A.E. (1963). Heat Flow at Broken Hill, New South Wales. *Geophysical Journal International*(4), 477-489 https://doi.org/10.1111/j.1365-246X.1963.tb07090.x.

Sass_Mase_1980 Sass, J.H., & Mase, C.W. (1980). Heat flow from the western arm of the Black Rock Desert, Nevada. *US Geological Survey Bulletin, 80*, 1238 https://doi.org/10.3133/ofr801238.

Sass_Morgan_1988 Sass, J.H., & Morgan, P. (1988). Conductive heat flux in VC-1 and the thermal regime of Valles Caldera, Jemez Mountains, New Mexico. *Journal of Geophysical Research, 93*(B6) https://doi.org/10.1029/JB093iB06p06027.

Sass_Munroe_1970 Sass, J.H., & Munroe, R.J. (1970). Heat flow from deep boreholes on two island arcs. *Journal of Geophysical Research, 75*(23), 4387-4395 https://doi.org/10.1029/JB075i023p04387.

Sass_etal._1974 Sass, J.H., Munroe, R.J., & Moses Jr, T.H. (1974). Heat flow from eastern Panama and northwestern Colombia. *Earth and Planetary Science Letters, 21*(2), 134-142 https://doi.org/10.1016/0012-821x(74)90046-6.

Sass_etal._1972 Sass, J.H., Nielsen, B.L., Wollenberg, H.A., & Munroe, R.J. (1972). Heat flow and surface radioactivity at two sites in South Greenland. *Journal of Geophysical Research, 77*(32), 6435-6444 https://doi.org/10.1029/JB077i032p06435.

Sass_etal._1976a Sass, J.H., Olmsted, F.H., Sorey, M.L., Wollenberg, H.A., Lachenbruch, A.H., Munroe, R.J., & Galanis Jr, S.P. (1976). *Geothermal data from test wells drilled in Grass Valley and Buffalo Valley, Nevada* (76-85). Retrieved from https://doi.org/10.2172/7327301

Sass_Sammel_1976 Sass, J.H., & Sammel, E.A. (1976). Heat flow data and their relation to observed geothermal phenomena near Klamath Falls, Oregon. *Journal of Geophysical Research, 81*(26), 4863-4868 https://doi.org/10.1029/JB081i026p04863.

Sass_etal._1982b Sass, J.H., Stone, C., & Bills, D.J. (1982). *Shallow subsurface temperatures and some estimates of heat flow from the Colorado Plateau of northeastern Arizona* (82-994). Retrieved from http://pubs.er.usgs.gov/publication/ofr82994

Sass_etal._1997 Sass, J.H., Williams, C.F., Lachenbruch, A.H., Galanis Jr, S.P., & Grupp, F.V. (1997). Thermal regime of the San Andreas fault near Parkfield, California. *Journal of Geophysical Research*(B12), 27575-27585 https://doi.org/10.1029/JB102iB12p27575.

Sass_etal._1976d Sass, J.H., Wollenberg, H.A., di Somma, D.E., & Ziagos, J.P. (1976). *Heat flow near Kyle Hot Springs, Buena Vista Valley, Nevada* (USGS-OFR-76-862). Retrieved from https://doi.org/10.2172/7300767

Sass_etal._1979b Sass, J.H., Zoback, M.L., & Galanis Jr, S.P. (1979). *Heat flow in relation to hydrothermal activity in the southern black rock desert, Nevada*. Retrieved from https://doi.org/10.3133/ofr791467

Sato_etal._1984 Sato, S., Asakura, N., Saki, T., Oikawa, N., & Kaneda, Y. (1984). Preliminary results of geological and geophysical surveys in the Ross Sea and in the Dumont d'Urville Sea, off Antarctica. *Memoirs of National Institute of Polar Research, 33*, 66-92 https://doi.org/10.1594/pangaea.807681.

Saull_etal._1962 Saull, V.A., Clark, T.H., Doig, R.P., & Butler, R.B. (1962). Terrestrial heat flow in the St. Lawrence lowland of Quebec. *Canadian Mining and Metallurgical Bulletin, 65*, 63-66.

Scattolini_1978 Scattolini, R. (1978). *Heat flow and heat production studies in north dakota.* (Ph.D. thesis). North Dakota, Grand Forks.

Schellschmidt_etal._2003 Schellschmidt, R., Popov, Y.A., Kukkonen, I.T., Nover, G., Milanovsky, S.Y., Borevsky, L., Mottaghy, D.C., & Clauser, C. (2003). New heat flow data from the immediate vicinity of the Kola superdeep borehole.

Schintgen_etal._2015 Schintgen, T., Foerster, A., Foerster, H.-J., & Norden, B. (2015). Surface heat flow and lithosphere thermal structure of the Rhenohercynian Zone in the greater Luxembourg region. *Geothermics, 56*, 93-109 https://doi.org/10.1016/j.geothermics.2015.03.007.

Schlorholtz_etal._1979 Schlorholtz, M.W., & Eckstein, Y. (1979). Terrestrial heat flow in Washington county, southeast Ohio. *Geological Society of America Bulletin, 11*(5), 255–255.

Schmidt_etal._2005 Schmidt, M., Hensen, C., Morz, T., Muller, C., Grevemeyer, I., Wallmann, K., Mau, S., & Kaul, N.E. (2005). Methane hydrate accumulation in "Mound 11" mud volcano, Costa Rica forearc. *Marine Geology, 216*(44228), 83-100 https://doi.org/10.1016/j.margeo.2005.01.001.

Schmidt-Schierhorn_etal._2012 Schmidt-Schierhorn, F., Kaul, N.E., Stephan, S., & Villinger, H.W. (2012). Geophysical site survey results from North Pond (Mid-Atlantic Ridge). *Initial Reports of the Deep Sea Drilling Project, 336* https://doi.org/10.2204/iodp.proc.336.107.2012.

Schoessler_Schwarzlose_1959 Schössler, K., & Schwarzlose, J. (1959). Geophysikalische Wärmeflussmessungen.

Freiberger Forschungshefte, C75, 120 https://doi.org/10.1594/pangaea.805770.

Schroeder_etal._2011 Schröder, H., Paulsen, T., & Wonik, T. (2011). Thermal properties of the AND-2A borehole in the southern Victoria Land Basin, McMurdo Sound, Antarctica. *Geosphere, 7*(6), 1324-1330 https://doi.org/10.1130/Ges00690.1.

Schubert_Peter_1974 Schubert, C.E., & Peter, G. (1974). Heat flow northeast of Guadeloupe Island, Lesser Antilles. *Journal of Geophysical Research, 79*(14), 2139-2140 https://doi.org/10.1029/JB079i014p02139.

Schuech_1973 Schuech, J. (1973). Measurements of Heat Flow in the Red Sea between 19 degrees and 26 degrees northern latitude (region of the brine deeps). *Zeitschrift für Geophysik*, 859-862 https://doi.org/10.1594/pangaea.809926.

Schuetz_etal._2012 Schuetz, F., Norden, B., & Foerster, A. (2012). Thermal properties of sediments in southern Israel: a comprehensive data set for heat flow and geothermal energy studies. *Basin Research, 24*(3), 357-376 https://doi.org/10.1111/j.1365-2117.2011.00529.x.

Schuetz_etal._2018 Schuetz, F., Winterleitner, G., & Huenges, E. (2018). Geothermal exploration in a sedimentary basin: new continuous temperature data and physical rock properties from northern Oman. *Geothermal Energy, 6*(1) https://doi.org/10.1186/s40517-018-0091-6.

Schulz_1987 Schulz, R. (1987).

Schulz_1988 Schulz, R. (1988).

Schulz_etal._1991 Schulz, R., Haenel, R., & Kockel, F. (1991). Catalogue of Heat Flow Density Data: Federal Republic of Germany (Western Federal States). In.

Sclater_1966 Sclater, J.G. (1966). A discussion concerning the floor of the northwest Indian Ocean - Heat flow in the northwest Indian Ocean and Red Sea. *Philosophical Transactions of the Royal Society of London. Series A, Mathematical and Physical Sciences, 259*(1099), 271-278 https://doi.org/10.1098/rsta.1966.0012.

Sclater_etal._1971 Sclater, J.G., Anderson, R.N., & Bell, M.L. (1971). Elevation of ridges and evolution of the central eastern Pacific. *Journal of Geophysical Research, 76*(32), 7888-7915 https://doi.org/10.1029/JB076i032p07888.

Sclater_Corry_1967 Sclater, J.G., & Corry, C.E. (1967). Heat flow, Hawaiian area. *Journal of Geophysical Research, 72*(14), 3711-3715 https://doi.org/10.1029/JZ072i014p03711.

Sclater_Crowe_1979 Sclater, J.G., & Crowe, J. (1979). A heat flow survey at anomaly 13 on the Reykjanes Ridge: A critical test of the relation between heat flow and age. *Journal of Geophysical Research, 84*(B4), 1593-1602 https://doi.org/10.1029/JB084iB04p01593.

Sclater_etal._1976 Sclater, J.G., Crowe, J., & Anderson, R.N. (1976). On the reliability of oceanic heat flow averages. *Journal of Geophysical Research, 81*(17), 2997-3006 https://doi.org/10.1029/JB081i017p02997.

Sclater_Erickson_1974 Sclater, J.G., & Erickson, A.J. (1974). *Geothermal measurements on Leg 22 of the D/V Glomar Challenger*. Retrieved from Washington: https://doi.pangaea.de/10.1594/pangaea.805776

Sclater_etal._1970a Sclater, J.G., Jones, E.J.W., & Miller, S.P. (1970). The relationship of heat flow, bottom topography and basement relief in peake and freen deeps, Northeast Atlantic. *Tectonophysics, 10*(1), 283-300 https://doi.org/10.1016/0040-1951(70)90111-3.

Sclater_Klitgord_1973 Sclater, J.G., & Klitgord, K.D. (1973). A detailed heat flow, topographic, and magnetic survey across the Galapagos Spreading Center at 86°W. *Journal of Geophysical Research, 78*(29), 6951-6975 https://doi.org/10.1029/JB078i029p06951.

Sclater_etal._1970b Sclater, J.G., Mudie, J.D., & Harrison, C.G.A. (1970). Detailed geophysical studies on the Hawaiian Arch near 24°25'N, 157°40'W: A closely spaced suite of heat-flow stations. *Journal of Geophysical Research, 75*(2), 333-348 https://doi.org/10.1029/JB075i002p00333.

Sclater_etal._1972 Sclater, J.G., Ritter, U.G., & Dixon, F.S. (1972). Heat flow in the southwestern Pacific. *Journal of Geophysical Research, 77*(29), 5697-5704 https://doi.org/10.1029/JB077i029p05697.

Sclater_etal._1970d Sclater, J.G., Vacquier, V., & Rohrhirsch, J.H. (1970). Terrestrial heat flow measurements on lake Titicaca, Peru. *Earth and Planetary Science Letters, 8*(1), 45-54. Retrieved from http://www.sciencedirect.com/science/article/pii/0012821X70900981.

Sclater_etal._1974b Sclater, J.G., Von Herzen, R.P., Williams, D.L., Anderson, R.N., & Klitgord, K.D. (1974). The Galapagos Spreading Centre: Heat-flow low on the North Flank. *Geophysical Journal International, 38*(3), 609-625 https://doi.org/10.1111/j.1365-246X.1974.tb05432.x.

Sebagenzi_etal._1993 Sebagenzi, M.N., Vasseur, G., & Louis, P. (1993). First heat flow density determinations from Southeastern Zaïre (Central Africa). *Journal of African Earth Sciences, 16*(4), 413-423 https://doi.org/10.1016/0899-5362(93)90100-5.

Seck_1984 Seck, L. (1984). *Flux de chaleur dans la partie occidentale du bassin sénégalo-mauritanien.* (Diploma).

Sekiguchi_1986 Sekiguchi, K. (1986). A method for determining terrestrial heat flow by using borehole data in the oil/gas basinal areas. *Geological Survey of Japan / AIST*, 199-208 https://doi.org/10.1594/pangaea.809927.

Sergienko_etal._1974 Sergienko, S.I., Smirnov, Y.B., & Stavitsky, B.P. (1974). Geotermicheskiye issledovaniya v Zapadnoy Sibiri (Geothermal research in Western Siberia). In *Geothermy. Reports on geothermal research in the USSR* (Vol. 44228, pp. 58-62).

Sestini_1970 Sestini, G. (1970). Heat-flow measurement in non-homogeneous terrains. Its application to geothermal areas. *Geothermics, 2*(1), 424-436 https://doi.org/10.1016/0375-6505(70)90040-4.

Shalev_etal._2013 Shalev, E., Lyakhovsky, V., Weinstein, Y., & Ben-Avraham, Z. (2013). The thermal structure of Israel and the Dead Sea Fault. *Tectonophysics, 602*, 69-77 https://doi.org/10.1016/j.tecto.2012.09.011.

Shankar_Riedel_2013 Shankar, U., & Riedel, M. (2013). Heat flow and gas hydrate saturation estimates from Andaman Sea, India. *Marine and Petroleum Geology, 43*, 434-449 https://doi.org/10.1016/j.marpetgeo.2012.12.004.

Shastkevich_Zabolotnik_1975 Shastkevich, Y.G., & Zabolotnik, S.I. (1975). Potok Vnutrizemnogo tepla v MNR (Heat-Flow in the Mongolian Peoples-Republic). [Поток Внутриземного]. *Studia Geophysica et Geodaetica, 19*(2), 197-200 https://doi.org/10.1594/pangaea.808899.

Shearer_Reiter_1981 Shearer, C., & Reiter, M. (1981). Terrestrial heat flow in Arizona. *Journal of Geophysical Research, 86*(B7), 6249-6260 https://doi.org/10.1029/JB086iB07p06249.

Shelyagin_etal._1973 Shelyagin, V.A., Buachidze, I.M., Buachidze, G.I., & Shaorshadze, M.P. (1973). Teplovoy potok s pribrezhnoy polosi chernogo morya i prilegayyschey chasti territorii gruzii (Heat flow from the coastal strip of the Black Sea and the adjacent part of the territory of Georgia). In *In: Vlodavets, VI; Lyubimova, EA; et al. (eds), Teplovyye Potoki iz Kory i Verkhnei Mantii Zemli. Verkhnyaya Mantiya (Heat Flows from the Crust and Upper Mantle of the Earth. Upper Mantle). Moscow, Nauka* (Vol. 12, pp. 39-46).

Shen_etal._1989b Shen, X.-J., & etal. (1989). *Structure and releated geothermal resources on the Tibetean Plateau*.

Shen_etal._1984 Shen, X.-J., & etal. (1984). Heat flow measurement on Xizhang (Tibetean) Plateau. *Science Bulletin, 29*(10), 1379 - 1381.

Shen_etal._1989c Shen, X.-J., & etal. (1989). New heat flow measurements in tibet. *Science Bulletin*(5), 373-376.

Shen_etal._1994 Shen, X.-J., Li, G.-H., Wang, J., Deng, X., Zhang, W.-R., & Yang, S.-Z. (1994). *Terrestrial heat flow measurement and calculation of statistical heat flow in Caidam Basin.* Paper presented at the Acta Geophysica Sinica.

Shevaldin_Balabashin_1988 Shevaldin, Y.V., & Balabashin, V.I. (1988). Some results of a new geothermal technique test. In *Geotermicheskie Issledovaniya (Geothermal Investigation)* (pp. 107-109). Moscow: Nauka.

Shevaldin_etal._1987 Shevaldin, Y.V., Balabashin, V.I., & Zimin, P.S. (1987). Novye dannye o geotermike Tatarskogo proliva (New data on geothermics of the Tatar Strait). [Новые данные о геотермике Татарского пролива]. *Tikhookeanskaya geologiya (Pacific geology), 6*(3), 61-64 https://doi.org/10.1594/pangaea.808905.

Shi_1998 Shi, X.-B. (1998). *Quantitative method of thermal history analysis and case study.* (Ph.D. thesis). Chinese Academy of Sciences, Beijing.

Shyu_etal._2006 Shyu, C.-T., Chen, Y.-J., Chiang, S.-T., & Liu, C.-S. (2006). Heat flow measurements over bottom simulating reflectors, offshore southwestern Taiwan. *Terrestrial Atmospheric and Oceanic Sciences, 17*(4), 845-869 https://doi.org/10.1594/pangaea.807719.

Shyu_etal._1998 Shyu, C.-T., Hsu, S.-K., & Liu, C.-S. (1998). Heat flows off southwest Taiwan:Measurements over mud diapirs and estimated from Bottom Simulating Reflectors. *Terrestrial Atmospheric and Oceanic Sciences, 9*(4), 795-812 https://doi.org/10.3319/Tao.1998.9.4.795(Taicrust).

Shyu_Liu_2001 Shyu, C.-T., & Liu, C.-S. (2001). Heat flow of the southwestern end of the Okinawa Trough. *Terrestrial Atmospheric and Oceanic Sciences, 12*, 305-317 https://doi.org/10.3319/Tao.2001.12.S.305(Odp).

Simbolon_1985 Simbolon, B. (1985). *Heat flow in the Salawati and Bintuni Basins*: CCOP Project Office UNDP Technical Support for Regional Offshore Prospecting in East Asia https://doi.org/10.1594/pangaea.807720.

Simmons_Horai_1968 Simmons, G., & Horai, K.-I. (1968). Heat flow data 2. *Journal of Geophysical Research, 73*(20), 6608-6609 https://doi.org/10.1029/JB073i020p06608.

Simpson_1987 Simpson, B. (1987). Heat flow measurements on the Bay of Plenty coast, New Zealand. *Journal of Volcanology and Geothermal Research, 34*(1-2), 25-33 https://doi.org/10.1016/0377-0273(87)90090-4.

Skinner_1985 Skinner, N.J. (1985). Heat flow in Figi. *New Zealand Journal of Geology and Geophysics, 28*(1), 1-4 https://doi.org/10.1080/00288306.1985.10422272.

Slagstad_etal._2009 Slagstad, T., Balling, N., Elvebakk, H.K., Midttømme, K., Olesen, O., Olsen, L., & Pascal, C. (2009). Heat-flow measurements in Late Paleoproterozic to Permian geological provinces in south and central Norway and a new heat-flow map of Fennoscandia and the Norwegian–Greenland Sea. *Tectonophysics, 473*(44289), 341-361 https://doi.org/10.1016/j.tecto.2009.03.007.

Smirnov_etal._1983 Smirnov, Y.B., Ashirov, T.A., Merkushov, V.N., Sopiev, V.A., & Dubrov-Skaya, E.B. (1983). Kaspiiskoe More - V Kn: Metodicheskie I Eksperimen- Talnye Osnovy Geotermii Moskva, Nauka(Russ) (Caspian Sea). In *Methodical and Experimental Fundamentals of Geothermics (Методические и экспериментальные основы геотермии)* (pp. 129-134).

Smirnov_etal._1974a Smirnov, Y.B., Bezrodnov, V.D., Volobuev, G.L., Sergienko, S.I., & Ti-Mareva, S.V. (1974). Glubinnyj Teplovoj potok v Severnoj i Central'nojChastjah Vostochno-Evropejskoj platformy (Deep Heat Flow in the North and Central Parts of the East European Platform). In S.I. Subbotin & R.I. Kutas (Eds.), *Glubinnyy teplovoy potok yevropeyskoy chasti SSSR (Глубинный тепловой поток европейской части СССР)* (Vol. 7).

Smirnov_etal._1970 Smirnov, Y.B., Kashpur, Y.I., Pokrovskii, V.A., & Yakovlev, B.A. (1970). Ocenki teplovogo potoka v vostochnoj chasti Russkoj platformy (Estimates of Heat Flow in the Eastern Part of the Russian Platform). [Оценки теплового потока, В.В.осточной части Русской платформы]. *Izvestiya Akademii Nauk SSSR, Fizika Zemli (News of the USSR Academy of Sciences, Physics of the Earth)*, 116-137.

Smirnov_etal._1991b Smirnov, Y.B., Sugrobov, V.M., & Yanovsky, F.A. (1991). Terrestrial heat flow in Kamchatka. *Journal of Volcanology and Seismology, 2*, 41-65 https://doi.org/10.1594/pangaea.809129.

Smirnov_etal._1976 Smirnov, Y.B., Zelenov, K., Paduchikh, V.I., Turkov, V.P., & Khutorskoy, M.D. (1976). Issledovanija teplovogo potoka v predelah poligona 44 ° 00'N-44 ° 40'N i 34 ° 00'E-34 ° 40'E v Chernom more (Heat flow investigations within the polygon 44°00'N-44°40'N and 34°00'E-34°40'E in the Black Sea). In *Geotermiya: Geotermicheskie Issledovaniya v SSSR (Geothermy; Geothermal Investigations in the USSR)* (Vol. 1, pp. 97-99).

Smith_1974 Smith, D.L. (1974). Heat flow, radioactive heat generation, and theoretical tectonics for northwestern Mexico. *Earth and Planetary Science Letters*(1), 43-52 https://doi.org/10.1594/pangaea.805923.

Smith_etal._1981 Smith, D.L., Gregory, R.G., & Emhof, J.W. (1981). Geothermal measurements in the southern Appalachian Mountains and southeastern Coastal Plains. *American Journal of Science, 281*(3), 282-298 https://doi.org/10.2475/ajs.281.3.282.

Smith_etal._1979 Smith, D.L., Nuckels III, C.E., Jones, R.L., & Cook, G.A. (1979). Distribution of heat flow and radioactive heat generation in northern Mexico. *Journal of Geophysical Research*(B5), 2371-2379 https://doi.org/10.1029/JB084iB05p02371.

Smith_1980 Smith, R.N. (1980, 29465). *Heat flow of the western Snake River Plain*, United States.

Smith_etal._1982 Smith, W.L., Suomi, V.E., Zhong, F.X., & Menzel, W.P. (1982). Nowcasting applications of geostationary satellite atmospheric sounding data Nowcasting. 123-135.

Soinov_1993 Soinov, V. (1993). The geothermal survey results. In *An Oceanographic study of the East Sea (the Sea of Japan)* (pp. 228-234).

Soinov_etal._1984 Soinov, V., Soloviev, V.N., Vlasenko, V.I., & Salman, A.G. (1984). *Teplovye potoki cherez dno vpadiny Derjugina Ohotskogo morja (Heat flows through the bottom of the Deryugin depression in the Sea of Okhotsk)*.

Soinov_etal._1972b Soinov, V., Tikhomirov, V.M., Veselov, O.V., & Eremin, G.D. (1972). Izmerenie teplovogo potoka vo vremja Filippinskoj jekspedicii SahKNII v 1969 (Heat flow measurements during the Philippine expedition of the Sakhalin complex scientific research institute in 1969). In *Geophysical collection; Sakhalin Complex Sci. Res. Inst.* (Vol. 3, pp. 212-215).

Soinov_Veselov_1975 Soinov, V., & Veselov, O.V. (1975). Novye Dannye O Teplovom Potoke V Okhotskom More (New Heat Flow Data in the Okhotsk Sea). [Новые данные о тепловом потоке в Охотском море]. *Yuzhno-Sakhalinsk: DVNTS an SSSR (Yuzhno-Sakhalinsk: Far East Scientific Center of the USSR Academy of Sciences), 37*(5), 243-247 https://doi.org/10.1594/pangaea.809131.

Soinov_etal._1997 Soinov, V., Veselov, O.V., Kochergin, A.V., Sok, B.C., Balabashin, V.I., & Kulinich, R.G. (1997). Heat flow of the Northwest Pacific. [Тепловой поток Северо-Запада Тихого океана]. *Geofizicheskie Polya i Modelirovanie Tektonosfery (Geophysical Fields and Modeling of the Tectonosphere), 3*, 14-21 https://doi.org/10.1594/pangaea.809239.

Sokolova_Duchkov_1982 Sokolova, L.S., & Duchkov, A.D. (1982). Novye Opredeleniya Teplovogo Potoka V Sibiri (New definitions of heat flow in Siberia). [Нew дефинитионс оф Хеат флоw ин Сибериа]. *Geologiya I Geofizika (Geology and Geophysics), 23*(7), 121-124.

Sokolova_Duchkov_2008 Sokolova, L.S., & Duchkov, A.D. (2008). Heat flow in the Altai-Sayan Area: new data.

Geologiya I Geofizika (Geology and Geophysics), 49(12), 940-950 https://doi.org/10.1016/j.rgg.2008.03.007.

Sokolova_etal._1972 Sokolova, L.S., Moiseenko, U.I., & Duchkov, A.D. (1972). Teplovoj potok na nekotoryh ploshhadjah Jugo-Vostochnoj Kamchatki (Heat flow in some areas of South-East Kamchatka). [Тепловой поток на некоторых площадях Юго-Восточной Камчатки]. *Geologiya I Geofizika (Geology and Geophysics)*(6), 102-105.

Solovyeva_1976 Solovyeva, L.N. (1976). *Morfologija kriolitozony Sajano-Bajkal'skoj oblasti:(romanized title): na primere Burjatskij ASSR (Morphology of the Cryolithozone of the Sayan-Baikal Region)*.

Springer_Foerster_1998 Springer, M., & Foerster, A. (1998). Heat-flow density across the Central Andean subduction zone. *Tectonophysics, 291*(44287), 123-139 https://doi.org/10.1016/s0040-1951(98)00035-3.

Sroka_1991 Sroka, K. (1991). The new results of a surface heat flow investigations of earth crust prerformed in Polish Carpathians. *Zeszyty Naukowe AG, Krakow. Geofizyka Stosowana (Scientific Papers AG, Krakow. Applied Geophysics), 8*.

Staub_Treat_1981 Staub, W.P., & Treat, N.L. (1981). *A geothermal resource appraisal of the tennessee valley region*. Retrieved from Oak Ridge, Tennessee:

Steele_1975 Steele, J.L. (1975). *A heat flow study in the Turtle Lake quadrangle, Washington.*

Steele_etal._1982 Steele, J.L., Blackwell, D.D., & Robison, J.H. (1982). Heat flow in the vicinity of the Mount Hood volcano, Oregon. *US Geological Survey Bulletin, 14*, 31-42.

Stein_Abbott_1991 Stein, C.A., & Abbott, D.H. (1991). Heat-Flow Constraints on the South-Pacific Superswell. *Journal of Geophysical Research, 96*(B10), 16083-16099 https://doi.org/10.1029/91jb00774.

Stein_Cochran_1985 Stein, C.A., & Cochran, J.R. (1985). The transition between the Sheba Ridge and Owen Basin: rifting of old oceanic lithosphere. *Geophysical Journal International, 81*(1), 47-74 https://doi.org/10.1111/j.1365-246X.1985.tb01350.x.

Stein_2000 Stein, J.S. (2000). *Multiple scales of hydrothermal circulation in the oceanic crust: studies from the Juan de Fuca ridge crest and flank.* (Ph.D. Dissertation). University of California, Retrieved from https://www.researchgate.net/publication/35988872_Multiple_scales_of_hydrothermal_circulation_in_the_oceanic_crust_studies_from_the_Juan_de_Fuca_ridge_crest_and_flank Available from http://heatflow.org/thermoglobe/publications/47f5426d-952a-44c5-847d-fe8ec15a3716 (AAI9986052)

Stephen_etal._1986 Stephen, R.A., Romine, K., Pearce, J.A., Owen, R.M., Nishitani, T., Newmark, R.L., Moos, D., Lyle, M.W., Knüttel, S., Kastner, M., Hobart, M.A., Goldsborough, R., Goldfarb, M., Goldberg, D., Gieskes, J.M., Erzinger, J., Boulègue, J., Becker, K., Anderson, R.N., Leinen, M.W., & Rea, D.K. (1986). *Initial Reports of the Deep Sea Drilling Project*. Retrieved from https://doi.org/10.2973/dsdp.proc.92.1986

Studt_Thompson_1969 Studt, F.E., & Thompson, G.E.K. (1969). Geothermal heat flow in the North Island of New Zealand. *New Zealand Journal of Geology and Geophysics, 12*(4), 673-683 https://doi.org/10.1080/00288306.1969.10431105.

Subono_1983 Subono, S. (1983). *Flux de caleur terrestre dans la region su est de la France.* Available from http://heatflow.org/thermoglobe/publications/dce3d8fe-1b6c-41e4-80ca-3a2d208189d6

Sukharev_etal._1969 Sukharev, G.M., Taranukha, Y.K., & Vlasova, S.P. (1969). Teplovoi Potok Iz Nedr Azerbaidzhana (Heat flow from Azerbaijan interiors). [Тепловой Поток Изнедр Азербайджана]. *Sovetskaya Geologiya (Soviet geology)*(8), 146-153 https://doi.org/10.1594/pangaea.808910.

Sukharev_etal._1972 Sukharev, G.M., Vlasova, S.P., Taranukha, Y.K., & Kamalova, S.V. (1972). Teplovoj potok Iz Nedr Kavkaza i Juzhnogo Okonchanija Russkoj Platformy (Heat flow from the bowels of the Caucasus and the South End of the Russian Platform). [Тепловой поток Из Недр Кавказа и Южного Окончания Русской Платформы]. *Energetika Geologicheskikh I Geofizicheskikh Protsessov (Energy of Geological and Geophysical Processes)* 82-87.

Sultan_etal._2004 Sultan, N., Foucher, J.P., Cochonat, P., Tonnerre, T., Bourillet, J.F., Ondreas, H., Cauquil, E., & Grauls, D. (2004). Dynamics of gas hydrate: case of the Congo continental slope. *Marine Geology, 206*(44287), 43101 https://doi.org/10.1016/j.margeo.2004.03.005.

Sun_etal._2005 Sun, Z., Zhang, W.-R., Hu, B.Q., Li, W.J., & Pan, T.Y. (2005). Geothermal field and its relation with coalbed methane distribution of the Qinshui Basin. *Chinese Science Bulletin, 50*, 111-117 https://doi.org/10.1007/Bf03184092.

Sun_etal._2006 Sun, Z., Zhang, W.-R., Hu, B.-Q., & Pan, T.-Y. (2006). Heat flow and geothermal field in the Qinshui Basin. *Chinese Journal of Geophysics, 49*(1), 123-128 https://doi.org/10.1002/cjg2.819.

Sundar_etal._1990 Sundar, A., Gupta, M.L., & Sharma, S.R. (1990). Heat-Flow in the Trans-Aravalli Igneous Suite, Tusham, India. *Journal of Geodynamics, 12*(1), 89-100 https://doi.org/10.1016/0264-3707(90)90025-p.

Sundvor_1986 Sundvor, E. (1986). *Heat flow measurements on the western Svalbard margin*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.809948

Sundvor_1987 Sundvor, E. (1987). Ark-Iv/3.

Sundvor_Eldholm_1991 Sundvor, E., & Eldholm, O. (1991). Norway: Off-shore and north-east Atlantic. In E.C.V.H.R.Z.V. Hurtig (Ed.), *Geothermal Atlas of Europe* (pp. 63-65). Gotha, Germany: Hermann & Haack Verlagsgesellschaft.

Sundvor_etal._2000 Sundvor, E., Eldholm, O., Gladczenko, T.P., & Planke, S. (2000). Norwegian-Greenland Sea thermal field. *Geological Society of London, 167*(1), 397-410 https://doi.org/10.1144/gsl.Sp.2000.167.01.15.

Sundvor_Myhre_1987 Sundvor, E., & Myhre, A.M. (1987). Heatflow measurements: Jan Mayen Ridge and Norway Basin. *Seismological Observatory, 9*, 244 https://doi.org/10.1594/pangaea.807725.

Sundvor_etal._1989 Sundvor, E., Myhre, A.M., & Eldholm, O. (1989). Heat flow measurements on the Norwegian continental margin during the FLUNORGE project. *Seismological Observatory*, 24 https://doi.org/10.1594/pangaea.807729.

Surkov_etal._1972 Surkov, V.S., Romenko, V.I., & Zhero, O.G. (1972). *Geothermal characteristics of the platform cover of the central part of the West Siberian plate and its connection with the geological structure of the basement*.

Swanberg_etal._1974 Swanberg, C.A., Chessman, M.D., Simmons, G., Smithson, S.B., Gronlie, G., & Heier, K.S. (1974). Heat-flow — heat-generation studies in Norway. *Tectonophysics, 23*(1), 31-48 https://doi.org/10.1016/0040-1951(74)90109-7.

Swanberg_etal._1982 Swanberg, C.A., Mitchell, B.J., Lohse, R.L., & Blackwell, D.D. (1982). Heat flow in the upper Mississippi Embayment. *US Geological Survey Bulletin, 1*(1236), 185-189.

Takherist_Lesquer_1989 Takherist, D., & Lesquer, A. (1989). Mise en évidence d'importantes variations régionales du flux de chaleur en Algérie. *Canadian Journal of Earth Sciences*(4), 615-626.

Taktikos_1991 Taktikos, S. (1991). Catalogue of Heat Flow Density Data: Greece. In E.C.V.H.R.Z.V. Hurtig (Ed.), *Geothermal Atlas of Europe* (pp. 118). Gotha, Germany: Hermann & Haack Verlagsgesellschaft.

Talwani_Udinstev_1976 Talwani, M., & Udinstev, G. (1976). *Initial Reports of the Deep Sea Drilling Project*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.804239

Talwani_etal._1971 Talwani, M., Windisch, C.C., & Langseth Jr, M.G. (1971). Reykjanes ridge crest: A detailed geophysical study. *Journal of Geophysical Research, 76*(2), 473-517 https://doi.org/10.1029/JB076i002p00473.

Tammemagi_Wheildon_1974 Tammemagi, H.Y., & Wheildon, J. (1974). Terrestrial heat flow and heat generation in south-west England. *Geophysical Journal International, 38*(1), 83-94 https://doi.org/10.1111/j.1365-246X.1974.tb04110.x.

Tammemagi_Wheildon_1977 Tammemagi, H.Y., & Wheildon, J. (1977). Further data on the South-west England heat flow anomaly. *Geophysical Journal International, 49*(2), 531-539 https://doi.org/10.1111/j.1365-246X.1977.tb03721.x.

Tan_etal._2010 Tan, J., Ju, Y., Zhang, W.-Y., Hou, Q., & Tan, Y. (2010). Heat flow and its coalbed gas effects in the central-south area of the Huaibei coalfield, eastern China. *Science China Earth Sciences, 53*(5), 672-682 https://doi.org/10.1007/s11430-010-0050-y.

Tanaka_Ito_2002 Tanaka, A., & Ito, H. (2002). Temperature at the base of the seismogenic zone and its relationship to the focal depth of the western Nagano Prefecture area, Zisin. *Journal of the Seismological Society of Japan, 55*(1), 44470 https://doi.org/10.4294/zisin1948.55.1_1.

Tanaka_etal._2004 Tanaka, A., Yamano, M., Yano, Y., & Sasada, M. (2004). Geothermal gradient and heat flow data in and around Japan (I): Appraisal of heat flow from geothermal gradient data. *Earth Planets and Space, 56*(12), 1191-1194 https://doi.org/10.1186/Bf03353339.

Taranukha_Kamalova_1971 Taranukha, Y.K., & Kamalova, O.V. (1971). Veplovye Potoki I Neftegazonosnost Na Primere Dono-medveditskoi Sistemy Dislokatsii (Heat flows and oil and gas content on the example of the Dono-Medveditskaya Dislocation System). [Втепловые потоки и Нефтегазоносность на Примере Доно-медведицкой Системы Дислокации (рус)]. *Izvestiya Vuzov, Neft I Gaz (Physics Bulletin, Oil and Gas)*(10), 12-14.

Taranukha_Kamalova_1973 Taranukha, Y.K., & Kamalova, O.V. (1973). Kharakteristike Geotermicheskikh Uslovii Vala Karpinskogo I Prilegayushchei Chasti Prikaspiiskoi Vpadiny (Characteristics of the Geothermal Conditions of the Karpinsky Shaft and the Adjacent Part of the Caspian Depression). [Характеристика Геотермических Условий Вала Карпинского И Прилегающей Части Прикаспийской Впадины (рус)]. *Izvestiya Vuzov, Neft I Gaz*

(Physics Bulletin, Oil and Gas)(2), 3-6.

Taylor_Judge_1979 Taylor, A., & Judge, A.S. (1979). Permafrost studies in northern Quebec. *Géographie physique et Quaternaire, 33*(44289), 245-251 https://doi.org/10.7202/1000361ar.

Taylor_etal._1986 Taylor, A., Judge, A.S., & Allen, V. (1986). Terrestrial heat flow from project CESAR, Alpha Ridge, Arctic Ocean. *Journal of Geodynamics, 6*(44287), 137-176 https://doi.org/10.1016/0264-3707(86)90037-2.

Taylor_Hayes_1983 Taylor, B.J., & Hayes, D.E. (1983). Origin and history of the South China Sea Basin. In *Geophysical Monograph Series* (pp. 23-56).

Tezcan_Turgay_1991 Tezcan, A.K., & Turgay, M.I. (1991). Catalogue of Heat Flow Density Data: Turkey. In.

Thamrin_1987 Thamrin, M. (1987). *Terrestrial heat flow map of Indonesian basins*: Indonesian Petroleum Association https://doi.org/10.1594/pangaea.806036.

Thienprasert_Raksaskulwong_1984 Thienprasert, A., & Raksaskulwong, M. (1984). Heat flow in northern Thailand. *Tectonophysics, 103*(1), 217-233 https://doi.org/10.1016/0040-1951(84)90085-4.

Thompson_1977 Thompson, G.E.K. (1977). Temperature gradients within and adjacent to the North Island Volcanic Belt. *New Zealand Journal of Geology and Geophysics, 20*(1), 85-97 https://doi.org/10.1594/pangaea.806016.

Tomara_etal._1984 Tomara, G.A., Kalinin, A.V., Kalinin, V.V., Krystev, T.I., & Fadeev, V.E. (1984). *Plotnost Teplovogo Potoka - V Kn: Neftegazogeneticheskie Issle- Dovaniya Bolgarskogo Sektora Chernogo Morya Sofiya, Izdatelstvo Bolgarskoi Akademii Nauk (Heat flux density)*.

Townend_1997 Townend, J. (1997). Estimates of conductive heat flow through bottom-simulating reflectors on the Hikurangi and southwest Fiordland continental margins, New Zealand. *Marine Geology, 141*(44287), 209-220 https://doi.org/10.1016/s0025-3227(97)00073-x.

Townend_1999 Townend, J. (1999). Heat flow through the west coast, South Island, New Zealand. *New Zealand Journal of Geology and Geophysics, 42*(1), 21-31 https://doi.org/10.1594/pangaea.806017.

Trexler_etal._1984 Trexler, D.T., Flynn, T., & Ghusn Jr, G. (1984). *Drilling and thermal gradient measurements at US Marine Corps Air Ground Combat Center, Twentynine Palms, California: Report by Division of Earth Sciences*. Retrieved from Las Vegas:

Tsalko_etal._1988 Tsalko, P.B., Levashkevich, V.G., & Makarenko, V.M. (1988). Geotermicheskie Is-Issledovanija Barsukovskogo Neftjanogo Mestorozhdenija (PripjatskijProgib) (Geothermal Survey of the Barsukovskoe Oil Field (PripyatskiiProgib)). [Геотермические Ис-Исследования Барсуковского Нефтяного Месторождения (ПрипятскийПроги6)]. *Doklady Akademii Nauk BSSR*(5), 441-443.

Tsaturyants_etal._1970 Tsaturyants, A.B., Shabanov, S.F., & Ter-Karapetyants, Z.N. (1970). K Vo-rosu Ob' Opredelenie Velichiny Glubinnogo Teplovogo potoka Dlja Nekotoryh rajonov Apsheronsk Neftegaz Onosnoj oblasti (Determining the amount of deep heat flow in several parts of the Apsheron oil and gas region). [К Во-росу Обь Определение Величины Глубинного Теплового потокА.Д.ля Некоторых районов Апшеронск Нефтегаз Оносной области]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences), 26*(7), 45-48.

Tsukahara_1976 Tsukahara, H. (1976). Terrestrial heat flow at the Iwatsuki deep well observatory and crustal temperature profiles beneath the Kanto district, Japan. *Research Notes of the National Research Center for Disaster Prevention, 1*(21), 1-9 https://doi.org/10.1594/pangaea.810097.

Tsumuraya_etal._1985 Tsumuraya, Y., Tanahashi, M., Saki, T., Machihara, T., & Asakura, N. (1985). Preliminary report of the marine geophysical and geological surveys off Wilkes Land, Antarctica in 1983-1984. *Memoirs of National Institute of Polar Research, 37*, 48-62 https://doi.org/10.1594/pangaea.807736.

Tsybulya_etal._1985 Tsybulya, L.A., Parkhomov, M.D., Tsalko, P.B., Zhuk, M.S., & Kozel, V.P. (1985). Rezu-l'taty Geotermicheskih Issledovanij V Skv (Geothermal Survey Results in Well). [Результаты Геотермических Исследований, В.С.кв]. 100-105.

Tsybulya_Urban_1984 Tsybulya, L.A., & Urban, G.I. (1984). Teplovoi potok v volynsko-orshanskom pro- gibe - doklady an bssr 1984 (Heat flow in the Volyn-Orsha trough - reports of the USSR Academy of Sciences 1984). [Тепловой поток, В.В.олынско-Оршанском пр-гибе]. *Doklady Akademii Nauk BSSR, T.28*(9), 843-846.

Tsybulya_Urban_1988 Tsybulya, L.A., & Urban, G.I. (1988). Teplovoj potok Baltijskoj SineklizyI Nekotorye Aspekty Ego Svjazi S Glubinnym Stroeniem Zemnoj Kori (Heat flow of the Baltic Syneclise, Some Aspects of Its Relationship with the Deep Structure of the Earth's Core). [Тепловой поток Балтийской СинеклизыИ Некоторые Аспекты Его Связи С Глубинным Строением Земной Кори]. 28-34.

Tucholke_etal._2001 Tucholke, B.E., Fujioka, K., Ishihara, T., Hirth, G., & Kinoshita, M. (2001). Submersible study of an oceanic megamullion in the central North Atlantic. *Journal of Geophysical Research, 106*(B8), 16145-16161 https://doi.org/10.1029/2001jb000373.

Udintsev_Lyubimova_1973 Udintsev, G.B., & Lyubimova, E.A. (1973). Teplovye potoki vblizi Islandii (Heat flows near Iceland). [Тепловые потокИ.В.близи Исландии]. *Izvestiya Akademii Nauk SSSR, Fizika Zemli (News of the USSR Academy of Sciences, Physics of the Earth), 11*.

Udintsev_etal._1971 Udintsev, G.B., Smirnov, Y.B., Popova, A.K., Shekhvatov, B.V., & Suvilov, E.V. (1971). New data on heat flow through the floors of the Indian and Pacific Oceans. *Oceanology, 200*, 242-244 https://doi.org/10.1594/PANGAEA.808928.

Udintsov_etal._1971 Udintsev, G.B., Smirnov, Y.B., Popova, A.K., Shekhvatov, B.V., & Suvilov, E.V. (1971). Novye dannye o teplovom potoke cherez dno Indijskogo i Tihogo okeanov (New data on heat flow through the floors of the Indian and Pacific Oceans). [Новые данные о тепловом потоке через дно Индийского и Тихого океанов]. *Doklady Akademii Nauk SSSR (Reports of the USSR Academy of Sciences), 200*(2), 242-244;453-456 https://doi.org/10.1594/pangaea.808928.

Urban_Tsybulya_1988 Urban, G.I., & Tsybulya, L.A. (1988). Teplovoe Rol' Rizhskogo Plutona (Thermal Role of Riga Pluto). [Тепловое Роль Рижского Плутона]. *Geologiya (Geology), 37*(2), 49-54.

Urban_1970 Urban, T.C. (1970). Terrestrial Heat Flow in the Middle Atlantic States. *Department of Geological Sciences, Ph.D.*, 398.

Urlaub_etal._2009 Urlaub, M., Schmidt-Aursch, M.C., Jokat, W., & Kaul, N.E. (2009). Gravity crustal models and heat flow measurements for the Eurasia Basin, Arctic Ocean. *Marine Geophysical Research, 30*(4), 277-292 https://doi.org/10.1007/s11001-010-9093-x.

Uyeda_etal._1982a Uyeda, S., Eguchi, T., Kamal, S., & Modjo, W.S. (1982). Preliminary study on geothermal gradient and heat flow in Java. *CCOP Technical Bulletin, 15*, 15-27 https://doi.org/10.1594/pangaea.809952.

Uyeda_etal._1982 Uyeda, S., Eguchi, T., Lum, H.K., Lee, A.K., & Singh, J. (1982). A heat flow measurement in peninsular Malaysia. *CCOP Technical Bulletin, 15*, 45-50 https://doi.org/10.1594/pangaea.809951.

Uyeda_Horai_1964 Uyeda, S., & Horai, K.-I. (1964). Terrestrial heat flow in Japan. *Journal of Geophysical Research, 69*(10), 2121-2141 https://doi.org/10.1029/JZ069i010p02121.

Uyeda_Horai_1982 Uyeda, S., & Horai, K.-I. (1982). Heat flow measurements on Deep Sea Srilling Project Leg 60. *Initial Reports of the Deep Sea Drilling Project, 60*, 789-800 https://doi.org/10.2973/dsdp.proc.60.146.1982.

Uyeda_etal._1962 Uyeda, S., Horai, K.-I., Yasui, M., & Akamatsu, H. (1962). Heat-flow measurements over the Japan Trench. *Journal of Geophysical Research, 67*(3), 1186-1188 https://doi.org/10.1029/JZ067i003p01186.

Uyeda_Watanabe_1982 Uyeda, S., & Watanabe, T. (1982). Terrestrial heat flow in western South America. *Tectonophysics, 83*(1), 63-70 https://doi.org/10.1016/0040-1951(82)90007-5.

Uyeda_etal._1973 Uyeda, S., Watanabe, T., Mizushima, N., Yasui, M., & Horie, S. (1973). Terrestrial Heat Flow In Lake Biwa, Central Japan. *Proceedings of the Japan Academy, 49*(5), 341-346 https://doi.org/10.1594/pangaea.808077.

Vacquier_1984 Vacquier, V. (1984). Oil fields—A source of heat flow data. *Tectonophysics, 103*(1), 81-98 https://doi.org/10.1016/0040-1951(84)90076-3.

Vacquier_1985 Vacquier, V. (1985). Calculation of terrestrial heat flow solely from oil well logging records. *CCOP Technical Bulletin, 15*, 45-48 https://doi.org/10.1594/pangaea.807740.

Vacquier_etal._1967 Vacquier, V., Sclater, J.G., & Correy, C.E. (1967). Studies of the thermal state of the Earth. The 21st paper: Heat-flow, Eastern Pacific. *Bulletin of the Earthquake Research Institute, 45*, 375-393 https://doi.org/10.1594/pangaea.807739.

Vacquier_Taylor_1966 Vacquier, V., & Taylor, P.T. (1966). Geothermal and magnetic survey off the coast of Sumatra. 1. Presentation of data. *Bulletin of the Earthquake Research Institute, 44*, 531-540.

Vacquier_etal._1966 Vacquier, V., Uyeda, S., Yasui, M., Sclater, J.G., Corry, C.E., & Watanabe, T. (1966). Studies of the thermal state of the Earth. The 19th paper: Heat-flow measurements in the northwestern Pacific. *Bulletin of the Earthquake Research Institute, 44*(4), 1519-1535 https://doi.org/10.1594/pangaea.807738.

Vacquier_VonHerzen_1964 Vacquier, V., & Von Herzen, R.P. (1964). Evidence for connection between heat flow and the mid-atlantic ridge magnetic anomaly. *Journal of Geophysical Research, 69*(6), 1093-1101 https://doi.org/10.1029/JZ069i006p01093.

VanGool_etal._1987 Van Gool, M., Huson, W.J., Prawirasasra, R., & Owen, T.R. (1987). Heat flow and seismic observations in the northwestern Banda Arc. *Journal of Geophysical Research*(B3), 2581-2586 https://doi.org/10.1029/JB092iB03p02581.

VanHinte_etal._1987 Van Hinte, J.E., Wise Jr, S.W., & Biart, B.N.M. (1987). *Leg 93 site 603*. Retrieved from Washington:

Vanneste_etal._2002 Vanneste, M., Poort, J., De Batist, M., & Klerkx, J. (2002). Atypical heat-flow near gas hydrate irregularities and cold seeps in the Baikal Rift Zone. *Marine and Petroleum Geology, 19*(10), 1257-1274 https://doi.org/10.1016/s0264-8172(03)00019-9.

Vartanyan_Gordienko_1984 Vartanyan, K.S., & Gordienko, V.V. (1984). Novye znacheniya teplovogo potoka na territorii armyanskoi ssr - izvestiya an arm ssr (New Values of Heat Flow in the territory of the Armenian SSR). [Новые значениыа теплового потока на территории армыанскои сср - известиыа ан арм сср]. *Earth sciences, 37*(4), 70-75.

Vasseur_1980 Vasseur, G. (1980). A Critical Study of Heat Flow Data in France. In *Advances in European Geothermal Research: Proceedings of the Second* (pp. 474-484).

Vasseur_1982 Vasseur, G. (1982). Synthèse des résultats du flux géothermique en France. *Annals of Geophysics, 38*(2), 189-201 https://doi.org/10.1594/pangaea.808081.

Vasseur_etal._1983 Vasseur, G., Bernard, P., Van de Meulebrouck, J., Kast, Y., & Jolivet, J. (1983). Holocene paleotemperatures deduced from geothermal measurements. *Palaeogeography Palaeoclimatology Palaeoecology, 43*(3-4), 237-259 https://doi.org/10.1016/0031-0182(83)90013-5.

Veliciu_etal._1977 Veliciu, S., Cristian, M., Paraschiv, D., & Visarion, M. (1977). Preliminary data of heat flow distribution in Romania. *Geothermics, 6*(1), 95-98 https://doi.org/10.1016/0375-6505(77)90044-x.

Veliciu_Visarion_1984 Veliciu, S., & Visarion, M. (1984). Geothermal models for the East Carpathians. *Tectonophysics, 103*(1), 157-165 https://doi.org/10.1016/0040-1951(84)90080-5.

Velinov_Bojadgieva_1983 Velinov, T., & Bojadgieva, K. (1983). Heat flow in Bulgaria. https://doi.org/10.1594/pangaea.808906.

Verheijen_Ajakaiye_1979 Verheijen, P.J.T., & Ajakaiye, D.E. (1979). Heat flow measurements in the Ririwai Ring Complex, Nigeria. *Tectonophysics, 54*(1), 27-32 https://doi.org/10.1016/0040-1951(79)90108-2.

Verma_etal._1968 Verma, R.K., Gupta, M.L., Hamza, V.M., Rao, G.V., & Rao, R.U.M. (1968). Heat flow and crustal structure near Cambay, Gujarat, India. *National Geophysical Research Institute Bulletin India, 6*(6), 153-166 https://doi.org/10.1594/pangaea.807742.

Verma_etal._1966 Verma, R.K., Rao, R.U.M., & Gupta, M.L. (1966). Terrestrial heat flow in Mosabani Mine, Singhbhum District, Bihar, India. *Journal of Geophysical Research, 71*(20), 4943-4948 https://doi.org/10.1029/JZ071i020p04943.

Verma_etal._1969 Verma, R.K., Rao, R.U.M., Gupta, M.L., Rao, G.V., & Hamza, V.M. (1969). Terrestrial heat flow in various parts of India. *Bulletin Volcanologique, 33*(1), 69-88 https://doi.org/10.1007/bf02596709.

Verzhbitskii_2001 Verzhbitsky, E.V. (2001). Geotermal'nye issledovanija v Pechorskom more (Geothermal Studies in the Pechora Sea). [Геотермальные исследования, В.П.ечорском море]. *Okeanologiya (Oceanology), 41*(3), 438-443 https://doi.org/10.1594/pangaea.807764.

Verzhbitsky_etal._2005 Verzhbitsky, E.V., Lobkovsky, L.I., Pokryshkin, A.A., & Soltanovsky, I.I. (2005). Anomalous geothermal regime, seismic, and gravitational landslide activity in the northeastern part of the Black Sea continental slope. *Oceanology, 45*(4), 580-587 https://doi.org/10.1594/pangaea.807762.

Verzhbitskii_Zolotarev_1980 Verzhbitsky, E.V., & Zolotarev, V.G. (1980). Issledovanija Teplovogo Potoka VRiftovoj Zone Krasnogo Morja (Heat Flow Studies in the Red Sea Rift Zone). [Исследования Теплового Потока ВРифтовой Зоне Красного Моря]. *Okeanologiya (Oceanology), 20*(5), 882-886.

Verzhbitsky_Zolotarev_1989 Verzhbitsky, E.V., & Zolotarev, V.G. (1989). Heat flow and the Eurasian-African plate boundary in the eastern part of the Azores-Gibraltar fracture zone. *Journal of Geodynamics, 11*(3), 267-273 https://doi.org/10.1016/0264-3707(89)90009-4.

Veselov_2000 Veselov, O.V. (2000). Structure of Heat Flow in the Sea of Okhotsk Region. *Structure of the Earth's Crust and Hydrocarbon Potential in the Regions of the Northwestern Pacific Margin, 1*, 107-129 https://doi.org/10.1594/pangaea.808907.

Veselov_Lipina_1982 Veselov, O.V., & Lipina, E.N. (1982). Nazemnye geotermicheskie issledovanija, provedennye SahKNII v juzhnoj chasti Dal'nego Vostoka (Catalog of data on heat flow in the east of Asia, Australia and the west of the Pacific Ocean). [Наземные геотермические исследования, проведенные СахКНИИ.В. южной части Дальнего Востока]. *Ed. I.K. Tuezov. Vladivostok: Far East Scientific Center of the Academy of Sciences of the USSR*, 121 https://doi.org/10.1594/pangaea.808927.

Veselov_Soinov_1979 Veselov, O.V., & Soinov, V. (1979). Teplovoy potok Okhotomorskogo regiona: metodika, apparatura, rezul'taty (Heat Flow of the Sea of Okhotsk Region: Methods, Equipment, Results), Report B8597 (Heat Flow of the Sea of Okhotsk Region: Methods, Equipment, Results). [Тепловой поток Охотоморского региона: методика, аппаратура, результаты]. 134 https://doi.org/10.1594/pangaea.808929.

Veselov_etal._1974a Veselov, O.V., Volkova, N.A., Eremin, G.D., Kozlov, N.A., & Soinov, V. (1974). *Issledovanie teplovogo potoka v severo-zapadnoj chasti Tihogo okeana (Heat flow studies in the Northwest Pacific)* (Vol. 44228) https://doi.org/10.1594/pangaea.808995.

Veselov_etal._1974b Veselov, O.V., Volkova, N.A., Yeremin, G.D., Kozlov, N.A., & Soinov, V. (1974). Izmerenie teplovogo potoka v zone perehoda ot Aziatskogo materika k Tihomu okeanu

(Measurement of heat flow in the transition zone from the Asian continent to the Pacific Ocean). In *Reports of the USSR Academy of Sciences* (Vol. 217, pp. 897-900).

Veselov_etal._1975 Veselov, O.V., Yeremin, G.D., & Soinov, V. (1975). Heat flow determination during the second complex ocean expedition of the Sakhalin Complex Scientific Research Institute. In *Geophysical researches of the crust and upper mantle structure in the transition zone from the Asian continent to the Pacific Ocean* (pp. 298-300).

Vidal_etal._1984 Vidal, O., Vasseur, G., & Lucazeau, F. (1984). *Mesures géothermiques dans la région du Cézallier.* Paper presented at the Bureau de recherches géologiques et minières.

Vigneresse_etal._1987 Vigneresse, J.L., Jolivet, J., Cuney, M., & Bienfait, G. (1987). Heat flow, heat production and granite depth in western France. *Geophysical Research Letters, 14*(3), 275-278 https://doi.org/10.1029/GL014i003p00275.

Villinger_1984 Villinger, H.W. (1984). New Heat-Flow Values Off the West-Coast of Morocco. *Initial Reports of the Deep Sea Drilling Project, 79*(NOV), 377-381 https://doi.org/10.1594/pangaea.806252.

Villinger_etal._2000 Villinger, H.W., & Cruise, P. (2000). Report and preliminary results of SONNE-cruise SO145/Leg 1, Balboa - Talcahuano, 21.12.1999 - 28.1.2000. *Berichte aus dem Fachbereich Geowissenschaften der Universität Bremen, 154*, 147.

Villinger_etal._2002 Villinger, H.W., Grevemeyer, I., Kaul, N.E., Hauschild, J., & Pfender, M. (2002). Hydrothermal heat flux through aged oceanic crust: where does the heat escape? *Earth and Planetary Science Letters, 202*(1), 159-170 https://doi.org/10.1016/s0012-821x(02)00759-8.

Villinger_etal._2019 Villinger, H.W., Mueller, P., Bach, W., Becker, K., Orcutt, B.N., Kaul, N.E., & Wheat, C.G. (2019). Evidence for Low-Temperature Diffuse Venting at North Pond, Western Flank of the Mid-Atlantic Ridge. *Geochemistry, Geophysics, Geosystems, 20*(6), 2572-2584 https://doi.org/10.1029/2018gc008113.

Vitorello_etal._1980 Vitorello, I., Hamza, V.M., & Pollack, H.N. (1980). Terrestrial heat flow in the Brazilian highlands. *Journal of Geophysical Research, 85*(B7), 3778-3788 https://doi.org/10.1029/JB085iB07p03778.

Vittorello_etal._1978 Vitorello, I., Hamza, V.M., Pollack, H.N., & Araújo, R. (1978). Geothermal investigations in Brazil. *Brazilian Journal of Geology*.

Vlasenko_etal._1984a Vlasenko, V.I., Salman, A.G., Tomara, G.A., & Baranov, B.A. (1984). Data of heat flow measurements in the Western Arctic Basin. In *Teoreticheskie i Experimentalnye Issledovaniya po Geotermike Morey i Okeanov (Theoretical and Experimental Investigations on Geothermics of Seas and Oceans)* (pp. 47-51).

Vogt_etal._1999 Vogt, P.R., Crane, K., Sundvor, E., Hjelstuen, B.O., Gardner, J., Bowles, F., & Cherkashev, G. (1999). Ground-truthing 11- to 12-kHz side-scan sonar imagery in the Norwegian-Greenland Sea: Part I: Pockmarks on the Vestnesa Ridge and Storegga slide margin. *Geo-Marine Letters, 19*(1-2), 97-110 https://doi.org/10.1007/s003670050098.

VonHerzen_1959 Von Herzen, R.P. (1959). Heat-Flow Values from the South-Eastern Pacific. *Nature, 183*(4665), 882-883 https://doi.org/10.1038/183882a0.

VonHerzen_1963 Von Herzen, R.P. (1963). Geothermal Heat Flow in the Gulfs of California and Aden. *Science, 140*(3572), 1207-1208 https://doi.org/10.1126/science.140.3572.1207.

VonHerzen_1964 Von Herzen, R.P. (1964). Ocean-floor heat-flow measurements west of the United States and Baja California. *Marine Geology, 1*(3), 225-239 https://doi.org/10.1016/0025-3227(64)90061-1.

VonHerzen_1973 Von Herzen, R.P. (1973). Geothermal measurements, Leg 21. In *Initial Reports of the Deep Sea Drilling Project* (Vol. 21, pp. 443-457).

VonHerzen_Anderson_1972 Von Herzen, R.P., & Anderson, R.N. (1972). Implications of Heat Flow and Bottom Water Temperature in the Eastern Equatorial Pacific. *Geophysical Journal International, 26*(5), 427-458 https://doi.org/10.1111/j.1365-246X.1972.tb05762.x.

VonHerzen_etal._1989 Von Herzen, R.P., Cordery, M.J., Detrick, R.S., & Fang, C. (1989). Heat flow and the thermal origin of hot spot swells: The Hawaiian Swell revisited. *Journal of Geophysical Research, 94*(B10), 13783-13799 https://doi.org/10.1029/JB094iB10p13783.

VonHerzen_etal._1982a Von Herzen, R.P., Detrick, R.S., Crough, S.T., Epp, D., & Fehn, U. (1982). Thermal origin of the Hawaiian swell: Heat flow evidence and thermal models. *Journal of Geophysical Research, 87*(B8), 6711-6723 https://doi.org/10.1029/JB087iB08p06711.

VonHerzen_etal._1974 Von Herzen, R.P., Finckh, P.G., & Hsü, K.J. (1974). Heat flow measurements in Swiss lakes. *Journal of Geophysical Research, 40*(2), 141-172 https://doi.org/10.1594/pangaea.807823.

VonHerzen_etal._1971 Von Herzen, R.P., Fiske, R.J., & Sutton, G. (1971). Geothermal measurements on Leg 8. *Initial Reports of the Deep Sea Drilling Project, 8*, 837-849 https://doi.org/10.2973/dsdp.proc.8.118.1971.

VonHerzen_Langseth_1965 Von Herzen, R.P., & Langseth Jr, M.G. (1965). Present status of oceanic heat-flow measurements. *Physics and Chemistry of the Earth, 6*, 365-407

https://doi.org/10.1016/0079-1946(65)90018-2.

VonHerzen_Maxwell_1964 Von Herzen, R.P., & Maxwell, A.E. (1964). Measurement of heat flow at the preliminary Mohole site off Mexico. *Journal of Geophysical Research, 69*(4), 741-748 https://doi.org/10.1029/JZ069i004p00741.

VonHerzen_etal._2001 Von Herzen, R.P., Ruppel, C., Molnar, P.S., Nettles, M., Nagihara, S., & Ekström, G. (2001). A constraint on the shear stress at the Pacific-Australian plate boundary from heat flow and seismicity at the Kermadec forearc. *Journal of Geophysical Research, 106*(B4), 6817-6833 https://doi.org/10.1029/2000jb900469.

VonHerzen_Simmons_1972 Von Herzen, R.P., & Simmons, G. (1972). Two heat flow profiles across the Atlantic Ocean. *Earth and Planetary Science Letters, 15*(1), 19-27 https://doi.org/10.1016/0012-821x(72)90024-6.

VonHerzen_etal._1970 Von Herzen, R.P., Simmons, G., & Folinsbee, A. (1970). Heat flow between the Caribbean Sea and the Mid-Atlantic Ridge. *Journal of Geophysical Research, 75*(11), 1973-1984 https://doi.org/10.1029/JB075i011p01973.

VonHerzen_Uyeda_1963 Von Herzen, R.P., & Uyeda, S. (1963). Heat flow through the eastern Pacific ocean floor. *Journal of Geophysical Research, 68*(14), 4219-4250 https://doi.org/10.1029/JZ068i014p04219.

VonHerzen_Vacquier_1966 Von Herzen, R.P., & Vacquier, V. (1966). Heat Flow and Magnetic Profiles on the Mid-Indian Ocean Ridge. *Philosophical Transactions of the Royal Society of London. Series A, Mathematical and Physical Sciences, 259*(1099), 262-270.

VonHerzen_Vacquier_1967 Von Herzen, R.P., & Vacquier, V. (1967). Terrestrial heat flow in Lake Malawi, Africa. *Journal of Geophysical Research, 72*(16), 4221-4226 https://doi.org/10.1029/JZ072i016p04221.

Wang_etal._1987 Wang, A., Ren, Y., Sun, W., Yu, L., Liang, J., Cao, T., & Gu, H. (1987). Geothermal Observation in East Liaoning and Haicheng Seismic area. [辽东地区和海城地震区的地热观测]. *Acta Seismologica Sinica, 9*(4), 392-405. Retrieved from http://www.dzxb.org/article/id/accc0efd-f381-4f94-8174-685c2f654952.

Wang_etal._1989c Wang, C.Y., Hwang, W.T., & Shi, Y.-L. (1989). Thermal evolution of a rift basin: The Tyrrhenian Sea. *Journal of Geophysical Research, 94*(B4), 3991-4006 https://doi.org/10.1029/JB094iB04p03991.

Wang_etal._1995c Wang, J., Wang, J.A., Shen, J., & Qiu, N.-S. (1995). Heat flow in Tarim basins (塔里木盆地的大地热流). [塔里木盆地的大地热流]. *Journal of China University of Geosciences, 20*(4), 399-404. Retrieved from http://caod.oriprobe.com/articles/1553835/ta_li_mu_pen_di_de_da_di_re_liu_.htm.

Wang_1990 Wang, J.A. (1990). Basic characteristics of geotemperature distribution in China. *7*.

Wang_etal._1990 Wang, J.A., Xu, Q., & Zhang, W.-R. (1990). Geothermal characteristics and deep thermal structure of Yunnan area, SW China (in Chinese with English abstract). *Seismology and Geology, 12*(4), 367-379.

Wang_etal._1981 Wang, J.-Y., Chen, M.-X., Wang, J., Deng, X., Wang, J., Hsiung, L.-P., Yan, S.-Z., Fan, Z.-C., Liu, X.-W., Huang, G.-S., Zhang, W.-R., Shao, H.-H., & Zhang, R.-Y. (1981). Geothermal studies in China. *Journal of Volcanology and Geothermal Research, 9*(1), 57-76 https://doi.org/10.1016/0377-0273(81)90014-7.

Wang_Huang_1990 Wang, J.-Y., & Huang, S.-P. (1990). Compilation of heat flow data in China continental area (2nd edition). *Seismology and Geology, 12*, 351-366.

Wang_Munroe_1982 Wang, J.-Y., & Munroe, R.J. (1982). *Heat flow and sub-surface temperatures in the Great Valley, California*. Retrieved from

Wang_Wang_1986 Wang, J.-Y., & Wang, J. (1986). Heat flow measurements in Liaohe Basin, North China EAT FLOW MEASUREMENTS IN LIAOHE BASIN. *Chinese Science Bulletin*, 686 -689.

Wang_etal._1995b Wang, L.-S., Li, C.S., & Yangshen, W.Y. (1995). *Distributions of Geotemperature and Terrestrial Heat Flow Density in Lower Yangtze Area.* Paper presented at the Chinese Science Abstracts Series B.

Wang_etal._2002 Wang, L.-S., Liu, S.-W., Xiao, W., Li, C., Li, H., Guo, S., Liu, B., Luo, Y., & Cai, D. (2002). Distribution features of terrestrial heat flow densities in the Bohai Basin, east China. *Chinese Science Bulletin, 47*(10), 857-862 https://doi.org/10.1360/02tb9193.

Wang_etal._2001a Wang, S., He, L., & Wang, J.-Y. (2001). Thermal regime and petroleum systems in Junggar basin, northwest China. *Physics of the Earth and Planetary Interiors, 126*(44289), 237-248 https://doi.org/10.1016/s0031-9201(01)00258-8.

Wang_Liu_2013 Wang, W., & Liu, J.-G. (2013). Underground temperature calculation of mined bed in pyrite mine of Mawei mountain according to temperature characteristics of surrounding rock. *Science Technology and Engineering, 2013*(17), 4893-4897. Retrieved from https://caod.oriprobe.com/articles/38854563/Underground_Temperature_Calculation_of_Mined_Bed_i.htm.

Wang_1987 Wang, Y. (1987). *Geothermics and oil-gas generation in North Jiangsu Basin.* (Master). Available from http://heatflow.org/thermoglobe/publications/f3cf91bd-8741-4290-af3a-cbe0e931cb50

Wang_etal._2003 Wang, Y., Wang, J., & Hu, S.-B. (2003). Thermal history and tectono-thermal evolution of Eastern Depression, the Liaohe Basin. *Scientia Geologica Sinica (Chinese Journal of Geology), 38*(2), 220-228.

Warren_etal._1969 Warren, R.E., Sclater, J.G., Vacquier, V., & Roy, R.F. (1969). A comparison of terrestrial heat flow and transient geomagnetic fluctuations in the southwestern United States. *Geophysics, 34*(3), 463-478 https://doi.org/10.1190/1.1440023.

Watanabe_1972 Watanabe, T. (1972). On Heat Flow in the Sagami Bay and Heat Flow distribution around the Izu Peninsula. 277-286 https://doi.org/10.1594/pangaea.809981.

Watanabe_etal._1970 Watanabe, T., Epp, D., Uyeda, S., Langseth Jr, M.G., & Yasui, M. (1970). Heat flow in the Philippine Sea. *Tectonophysics, 10*(1), 205-224 https://doi.org/10.1016/0040-1951(70)90107-1.

Watanabe_etal._1975 Watanabe, T., Von Herzen, R.P., & Erickson, A. (1975). Geothermal studies Leg 31. *Initial Reports of the Deep Sea Drilling Project, 31*(23), 573-576 https://doi.org/10.2973/dsdp.proc.31.123.1975.

Watremez_1980 Watremez, P. (1980). *Flux de chaleur sur le massif Armoricain et sur la marge continentale: essai de modélisation de l'évolution thermique de la marge continentale*. Retrieved from http://viaf.org/viaf/212037521

Wesierska_1973 Wesierska, M. (1973). A study of terrestrial heat flux density in Poland. *Matematyka i prace Instytutu Geofizyki (Publications of the Institute of Geophysics, Polish Academy of Sciences), 60*, 135-144.

Wheat_etal._2004 Wheat, C.G., Mottl, M.J., Fisher, A.T., Kadko, D., Davis, E.E., & Baker, E.T. (2004). Heat flow through a basaltic outcrop on a sedimented young ridge flank. *Geochemistry, Geophysics, Geosystems, 5*(12) https://doi.org/10.1029/2004gc000700.

Wheildon_etal._1977 Wheildon, J., Francis, M.F., & Thomas-Betts, A.A. (1977). *Investigation of the S.W. England thermal anomaly zone.* Paper presented at the Semin. Geotherm. Energy (Commission of the European Communities).

Wheildon_etal._1985 Wheildon, J., Gebski, J.S., & Thomas-Betts, A.A. (1985). Further investigations of the UK heat flow field 1981-1987.

Wheildon_etal._1984 Wheildon, J., King, G., Crook, C.N., & Thomas-Betts, A.A. (1984). *The Lake District granites: heat flow, heat production and model studies*: British Geological Survey.

Wheildon_etal._1994 Wheildon, J., Morgan, P., Williamson, K.H., Evans, T.R., & Swanberg, C.A. (1994). Heat-Flow in the Kenya Rift-Zone. *Tectonophysics, 236*(44287), 131-149 https://doi.org/10.1016/0040-1951(94)90173-2.

White_1978 White, D.E. (1978). Conductive heat flows in research drill holes in thermal areas of Yellowstone National Park, Wyoming. *Journal of Research of the U.S. Geological Survey, 6*(6), 765-774. Retrieved from http://pubs.er.usgs.gov/publication/70162720.

White_1989 White, P. (1989). Downhole logging. https://doi.org/10.1594/pangaea.807847.

Whiteford_1990 Whiteford, P.C. (1990). *Heat flow measurements in the Bay of Plenty, New Zealand*. Retrieved from https://doi.pangaea.de/10.1594/pangaea.806180

Wiggins_etal._2002 Wiggins, S.M., Hildebrand, J.A., & Gieskes, J.M. (2002). Geothermal state and fluid flow within ODP Hole 843B: results from wireline logging. *Earth and Planetary Science Letters, 195*(44289), 239-248 https://doi.org/10.1016/s0012-821x(01)00590-8.

Wilhelm_etal._2004 Wilhelm, H., Heidinger, P., Safanda, J., Cermak, V., Burkhardt, H., & Popov, Y.A. (2004). High resolution temperature measurements in the borehole Yaxcopoil-1, Mexico. *Meteoritics & Planetary Science, 39*(6), 813-819 https://doi.org/10.1111/j.1945-5100.2004.tb00931.x.

Williams_1996 Williams, C.F. (1996). Temperature and the Seismic/Aseismic Transition: Observations from the 1992 Landers Earthquake. *Geophysical Research Letters, 23*(16), 2029-2032 https://doi.org/10.1029/96gl02066.

Williams_Galanis_1994 Williams, C.F., & Galanis Jr, S.P. (1994). *Heat-flow measurements in the vicinity of the Hayward Fault, California*. Retrieved from https://doi.org/10.3133/ofr94692

Williams_etal._2004 Williams, C.F., Grubb, F.V., & Galanis Jr, S.P. (2004). Heat flow in the SAFOD pilot hole and implications for the strength of the San Andreas Fault. *Geophysical Research Letters, 31*(15) https://doi.org/10.1029/2003gl019352.

Williams_etal._1979 Williams, D.L., Becker, K., Lawver, L.A., & Von Herzen, R.P. (1979). Heat flow at the spreading centers of the Guaymas Basin, Gulf of California. *Journal of Geophysical Research, 84*(B12), 6757-6769 https://doi.org/10.1029/JB084iB12p06757.

Williams_etal._1979a Williams, D.L., Green, K.E., Van Andel, T.H., Von Herzen, R.P., Dymond, J.R., & Crane, K. (1979). The hydrothermal mounds of the Galapagos Rift: Observations with DSRV Alvin and detailed heat flow studies. *Journal of Geophysical Research, 84*(B13), 7467-7484 https://doi.org/10.1029/JB084iB13p07467.

Williams_etal._1977 Williams, D.L., Lee, T.-C., Von Herzen, R.P., Green, K.P., & Hobart, M.A. (1977). A geothermal study of the Mid-Atlantic Ridge near 37°N. *Geological Society of America Bulletin, 88*(4), 531-540 https://doi.org/10.1130/0016-7606(1977)88<531:Agsotm>2.0.Co;2.

Williams_VonHerzen_1983 Williams, D.L., & Von Herzen, R.P. (1983). On the terrestrial heat flow and physical limnology of Crater Lake, Oregon. *Journal of Geophysical Research, 88*(B2), 1094-1104 https://doi.org/10.1029/JB088iB02p01094.

Williams_etal._1974 Williams, D.L., Von Herzen, R.P., Sclater, J.G., & Anderson, R.N. (1974). The Galapagos spreading centre: Lithospheric cooling and hydrothermal circulation. *Geophysical Journal of the Royal Astronomical Society, 38*(3), 587-608 https://doi.org/10.1111/j.1365-246X.1974.tb05431.x.

Williamson_1975 Williamson, K.H. (1975). *Terrestrial heat flow studies in Kenya.* (Ph.D. PhD Thesis). University of London London, Retrieved from https://doi.pangaea.de/10.1594/pangaea.807845 Available from http://heatflow.org/thermoglobe/publications/a2500eee-fea1-4999-b1d4-5f181770edfd

Wimbush_Sclater_1971 Wimbush, M., & Sclater, J.G. (1971). Geothermal heat flux evaluated from turbulent fluctuations above the sea floor. *Journal of Geophysical Research, 76*(2), 529-536 https://doi.org/10.1029/JB076i002p00529.

Wright_etal._1980 Wright, J.A., Jessop, A.M., Judge, A.S., & Lewis, T.J. (1980). Geothermal measurements in Newfoundland. *Canadian Journal of Earth Sciences, 17*(10), 1370-1376 https://doi.org/10.1139/e80-144.

Wronski_1977 Wronski, E.B. (1977). Two heat flow values for Tasmania. *Geophysical Journal International, 48*(1), 131-133 https://doi.org/10.1111/j.1365-246X.1977.tb01291.x.

Wu_1990 Wu, G. (1990). Heat flow along the No. 5 China's Geoscience section. 126-129.

Wu_etal._2019 Wu, J.-N., Chiang, H.-T., Chiao, L.-Y., Shyu, C.-T., Liu, C.-S., Wang, Y., & Chen, S.-C. (2019). Revisiting the data reduction of seafloor heat-flow measurement: The example of mapping hydrothermal venting site around Yonaguni Knoll IV in the South Okinawa Trough. *Tectonophysics, 767*, 228159 https://doi.org/10.1016/j.tecto.2019.228159.

Wu_etal._2012 Wu, L., Zhao, L., & Luo, X. (2012). Characteristics of Geothermal Field and Estimation of Heat Flow in Wudang District of Guiyang 贵阳市乌当区地热田地温场特征及大地热流估算. [贵阳市乌当区地热田地温场特征及大地热流估算]. *Site Investigation Science and Technology*(3), 41-43. Retrieved from http://caod.oriprobe.com/articles/30038223/Characteristics_of_Geothermal_Field_and_Estimation_of_Heat_Flow_in_Wud.htm.

Wu_etal._1988a Wu, Q., Xie, Y., Zu, J.-H., & Wang, D. (1988). Study on the geothermal field in North China. *Earthquake Research in China, 4*(1), 41-48.

Wu_etal._1985 Wu, Q., Xie, Y., Zu, X., & Wang, D. (1985). Terrestrial heat flow and seismicity in North China. In *Research on Recent Crust Movement (1), Continental rifts and deep internal processes* (pp. 133–141).

Wu_etal._1988b Wu, Q., Zhu, J., Xie, Y., & Wang, D. (1988). Characteristics of geothermal field in Yunnan region. *Seismology and Geology, 10*(4), 177-183.

Wu_etal._1993 Wu, Q., Zu, J.-H., Lian, Y.-F., & Xie, Y. (1993). Geothermal characteristics and seismological activity in Shanxi Fault Depression Zone (山西断陷带地热特征与地震活动性). [山西断陷带地热特征与地震活动性]. *North China Earthquake Sciences, 11*(2), 42-47. Retrieved from http://www.nceqsci.com/article/id/1847.

Wu_etal._2005 Wu, S.-b., Lu, J., Ou, Y.-C., & Quian, X. (2005). Exploration and Assessment of Geothermal Resources at in Hepu Basin in Guangxi. *Journal of Guilin University of Technology, 25*(2), 155-160.

Xiao_etal._2004 Xiao, W., Liu, Z., Du, J.H., & Yi, S.W. (2004). Characteristic of geotherm-geopressure system in Erlian Basin. *Xinjiang Petroleum Geology, 25*(6), 610-613.

Xiao_etal._2013 Xiao, W., Zhang, T., Zheng, Y., & Gao, J. (2013). Heat flow measurements on the Lomonosov Ridge, Arctic Ocean. *Acta Oceanologica Sinica, 32*(12), 25-30 https://doi.org/10.1007/s13131-013-0384-3.

Xu_etal._1995 Xu, J., Ehara, S., & Hui Ping, X. (1995). Preliminary report of heat flow in the GGT profile from Mznzhouli to Suifenhe, northeast China. *CCOP Technical Bulletin, 25* https://doi.org/10.1594/pangaea.807850.

Xu_etal._2010 Xu, M., Zhao, P., Zhu, C.-Q., J., S., & Hu, S.-B. (2010). Borehole temperature logging and terrestrial heat flow distribution in Jianghan basin. *Scientia Geologica Sinica (Chinese Journal of Geology), 45*, 317-323.

Xu_etal._2011 Xu, M., Zhu, C.-Q., Tian, Y.-T., Song, R., & Hu, S.-B. (2011). Borehole temperature logging and characteristics of subsurface temperature in Sichuan Basin. *Chinese Journal of Geophysics*(4), 1052-1060 https://doi.org/10.3969/j.issn.0001-5733.2011.04.020.

Xu_etal._2021 Xu, W., Huang, S.-P., Zhang, J., Zuo, Y.-H., Zhou, Y., Ke, T., Yu, R., & Li, Y. (2021). Geothermal gradient and heat flow of the Erlian Basin and adjacent areas, Northern China: Geodynamic implication. *Geothermics*, 102049 https://doi.org/10.1016/j.geothermics.2021.102049.

Xu_etal._2006 Xu, X., Shi, X.-B., Luo, X.-H., Liu, F.-L., Guo, X.-W., Sha, Z.-B., & Yang, X.-Q. (2006). Marine heat flow measurements in the Xisha Trough, South China Sea. *Marine Geology Quaternary Geology*(4), 51-58.

Yamano_1985b Yamano, M. (1985). Heat flow studies of the circum-Pacific subduction zones. *Ph.D.*, 15-16 https://doi.org/10.1594/pangaea.809995.

Yamano_1985a Yamano, M. (1985). *Preliminary Report of the Hakuho Maru cruise KH 84-1 - Heat Flow Measurements.* University of Tokyo Ocean Research Institute, Tokyo. Retrieved from http://doi.org/10.15083/00038731 Available from http://heatflow.org/thermoglobe/publications/988d69ca-751f-4990-9e5f-e74b48e4607f

Yamano_etal._1992 Yamano, M., Foucher, J.P., Kinoshita, M., Fisher, A.T., Hyndman, R.D., Taira, A., Hill, I., Firth, J.V., Berner, U., Bruckmann, W., Byrne, T., Chabernaud, T., Gamo, T., Gieskes, J.M., Karig, D., Kastner, M., Kato, Y., Lallemant, S., Lu, R., Maltman, A., Moran, K., Moore, G.F., Olafsson, G., Owens, B., Pickering, K., Siena, F., Taylor, E., Underwood, M., Wilkinson, C., & Zhang, J. (1992). Heat-Flow and Fluid-Flow Regime in the Western Nankai Accretionary Prism. *Earth and Planetary Science Letters, 109*(44289), 451-462 https://doi.org/10.1016/0012-821x(92)90105-5.

Yamano_etal._1983 Yamano, M., Fujii, M., & Fujisawa, H. (1983). *Heat Flow Measurements*. Retrieved from

Yamano_etal._1981 Yamano, M., Fujisawa, H., & Kinoshita, H. (1981). *Heat Flow Measurement*. Retrieved from Tokyo:

Yamano_Goto_1999 Yamano, M., & Goto, S. (1999). High heat flow anomalies on the seaward slope of the Japan Trench (abstract). *Eos, Transactions American Geophysical Union, 407*, 196-204. Retrieved from https://doi.pangaea.de/10.1594/pangaea.810004.

Yamano_etal._2014b Yamano, M., Hamamoto, H., Kawada, Y., & Goto, S. (2014). Heat flow anomaly on the seaward side of the Japan Trench associated with deformation of the incoming Pacific plate. *Earth and Planetary Science Letters, 407*, 196-204 https://doi.org/10.1016/j.epsl.2014.09.039.

Yamano_etal._1984 Yamano, M., Honda, S., & Uyeda, S. (1984). Nankai Trough: A hot trench? *Marine Geophysical Research, 6*(2), 187-203 https://doi.org/10.1007/bf00285959.

Yamano_Kinoshita_1998 Yamano, M., & Kinoshita, M. (1998). Thermal structure of the Shikoku Basin and southwest Japan subduction zone. *Bulletin of the Earthquake Research Institute, 73*, 105-123 https://doi.org/10.1594/pangaea.807857.

Yamano_etal._2008 Yamano, M., Kinoshita, M., & Goto, S. (2008). High heat flow anomalies on an old oceanic plate observed seaward of the Japan Trench. *International Journal of Earth Sciences, 97*(2), 345-352 https://doi.org/10.1007/s00531-007-0280-1.

Yamano_etal._2003 Yamano, M., Kinoshita, M., Goto, S., & Matsubayashi, O. (2003). Extremely high heat flow anomaly in the middle part of the Nankai Trough. *Physics and Chemistry of the Earth, 28*(44509), 487-497 https://doi.org/10.1016/s1474-7065(03)00068-8.

Yamano_Uyeda_1990 Yamano, M., & Uyeda, S. (1990). Heat-flow studies in the Peru Trench subduction zone. *Proceedings of the Deep Sea Drilling Program, 112*, 653-661 https://doi.org/10.2973/odp.proc.sr.112.171.1990.

Yamano_etal._1989 Yamano, M., Uyeda, S., Foucher, J.P., & Sibuet, J.-C. (1989). Heat flow anomaly in the middle Okinawa Trough. *Tectonophysics, 159*(3), 307-318 https://doi.org/10.1016/0040-1951(89)90136-4.

Yamano_etal._1986b Yamano, M., Uyeda, S., Furukawa, Y., & Dehghani, G.A. (1986). Heat flow measurements in the northern and middle Ryukyu Arc area on R/V Sonne in 1984. *Bulletin of the Earthquake Research Institute, 61*(2), 311-327 https://doi.org/10.1594/pangaea.807858.

Yamano_etal._1987 Yamano, M., Uyeda, S., Uyeshima, M., Kinoshita, M., Nagihara, S., Boh, R., & Fujisawa, H. (1987). Report on DELP 1985 Cruises in the Japan Sea : Part V : Heat flow measurements. *Bulletin of the Earthquake Research Institute, 62*(4), 417-432 https://doi.org/10.1594/pangaea.807859.

Yamano_etal._1986a Yamano, M., Yyeda, S., Kinoshita, H., & Hilde, T.W.C. (1986). Report on DELP 1984 Cruises in the Middle Okinawa Trough. IV: Heat how measuremnts. *Bulletin of the Earthquake Research Institute, 61*(2), 251-267.

Yamazaki_1986 Yamazaki, T. (1986). *Heat flow measurements in the Central Pacific Basin (GH81-4 area)*. Retrieved from

Yamazaki_1992b Yamazaki, T. (1992). Heat flow in the Izu-Ogasawara (Bonin)-Mariana Arc. *Geological Survey of Japan / AIST, 43*(4), 207-235 https://doi.org/10.1594/pangaea.807880.

Yamazaki_1992a Yamazaki, T. (1992). *Heat flow in the south of the Nova-Canton Trough, central equatorial Pacific (GH82-4 Area)*. Retrieved from

Yamazaki_1994 Yamazaki, T. (1994). *Heat flow in the Penrhyn Basin, South Pacific (GH83-3 area)*. Retrieved from

Yang_etal._2004 Yang, S., Hu, S.-B., Cai, D., Feng, X., Chen, L., & Gao, L. (2004). Present-day heat flow, thermal history and tectonic subsidence of the East China Sea Basin. *Marine and Petroleum Geology, 21*(9), 1095-1105 https://doi.org/10.1016/j.marpetgeo.2004.05.007.

Yasui_etal._1970 Yasui, M., Epp, D., Nagasaka, K., & Kishii, T. (1970). Terrestrial heat flow in the seas round the Nansei Shoto (Ryukyu Islands). *Tectonophysics, 10*(1), 225-234 https://doi.org/10.1016/0040-1951(70)90108-3.

Yasui_etal._1963 Yasui, M., Horai, K.-I., Uyeda, S., & Akamatsu, H. (1963). Heat flow measurement in the Western Pacific during the JEDS-5 and other cruises in 1962 aboard M/S Ryofu-Maru. *Oceanography Magazine, 14*(2), 147-156 https://doi.org/10.1594/pangaea.808086.

Yasui_etal._1967b Yasui, M., Kishii, T., & Sudo, K. (1967). Terrestrial heat flow in the Okhotsk Sea, 1. *Oceanography Magazine*(1), 87-94 or 147–156. https://doi.org/10.1594/pangaea.810006.

Yasui_etal._1966 Yasui, M., Kishii, T., Watanabe, T., & Uyeda, S. (1966). Studies of the thermal state of the Earth. The 18th paper: Terrestrial heat flow of the Japan Sea (2). *Bulletin of the Earthquake Research Institute, 44*, 1501-1518 https://doi.org/10.1594/pangaea.807894.

Yasui_etal._1968a Yasui, M., Kishii, T., Watanabe, T., & Uyeda, S. (1968). Heat Flow in the Sea of Japan. *The Crust and Upper Mantle of the Pacific Area*, 3-16 https://doi.org/10.1029/GM012p0003.

Yasui_etal._1968b Yasui, M., Nagasaka, K., Kishii, T., & Halunen Jr, A.J. (1968). Terrestrial heat flow in the Okhotsk Sea, 2. *Oceanography Magazine Tokyo, 20*, 73-86 https://doi.org/10.1594/pangaea.810014.

Yasui_Watanabe_1965 Yasui, M., & Watanabe, T. (1965). Studies of the thermal state of the Earth. The 16th paper: Terrestrial heat flow in the Japan Sea. *Bulletin of the Earthquake Research Institute, 43*, 549-563 https://doi.org/10.1594/pangaea.807893.

Yorath_Hyndman_1983 Yorath, C.J., & Hyndman, R.D. (1983). Subsidence and thermal history of Queen Charlotte Basin. *Canadian Journal of Earth Sciences, 20*(1), 135-159 https://doi.org/10.1139/e83-013.

Yuan_etal._2006 Yuan, Y.-S., Ma, Y.-S., Hu, S.-B., Guo, T.-L., & Fu, X.-Y. (2006). Present-day geothermal characteristics in south China. *Chinese Journal Geophysics, 49*(4), 1005-1014 https://doi.org/10.1002/cjg2.922.

Zhang_etal._2018 Zhang, C., Jiang, G.-Z., Shi, Y., Wang, Z., Wang, Y., Li, S., Jia, X., & Hu, S.-B. (2018). Terrestrial heat flow and crustal thermal structure of the Gonghe-Guide area, northeastern Qinghai-Tibetan plateau. *Geothermics, 72*, 182-192 https://doi.org/10.1016/j.geothermics.2017.11.011.

Zhang_etal._1992 Zhang, R., Wu, J., & Zhang, W. (1992). Terrestrial heat flow and the thermal structure of the lithosphere in south Liaoning. *Earthquake Research in China, 6*(3), 11–23.

Zhang_etal._1982 Zhang, R., Xei, Z., Wu, J., Xei, Y., & Liu, M. (1982). The distribution of heat flow values in Tangshan and its surroundings. *Seismology and Geology, 4*(4), 57-67.

Zheng_etal._2016 Zheng, Y., Li, H., & Gong, Z. (2016). Geothermal study at the Wenchuan earthquake Fault Scientific Drilling project-hole 1 (WFSD-1): Borehole temperature, thermal conductivity, and well log data. *Journal of Asian Earth Sciences, 117*, 23-32 https://doi.org/10.1016/j.jseaes.2015.11.025.

Zhevago_1972 Zhevago, V.S. (1972). Korovye geotermy i termal'nye vody v Kazahstane (Crustal geotherms and thermal waters in Kazakhstan). In *Geothermy and thermal waters of Kazakhstan (Геотермия и термальные воды Казахстана)*.

Ziagos_etal._1985 Ziagos, J.P., Blackwell, D.D., & Mooser, F. (1985). Heat flow in southern Mexico and the thermal effects of subduction. *Journal of Geophysical Research, 90*(B7), 5410-5420 https://doi.org/10.1029/JB090iB07p05410.

Zielinski_etal._1986 Zielinski, G.W., Gunleiksrud, T., Saettem, J., Zuidberg, H.M., & Geise, J.M. (1986, 1986/1/1/). *Deep heatflow measurements in Quaternary sediments on the Norwegian continental shelf.* Paper presented at the Offshore Technology Conference 18, Houston, Texas.

Zlotnicki_etal._1980 Zlotnicki, V., Sclater, J.G., Norton, I.O., & Von Herzen, R.P. (1980). Heat flow through the floor of the Scotia, far South Atlantic and Weddell Seas. *Geophysical Research Letters, 7*(6), 421-424 https://doi.org/10.1029/GL007i006p00421.

Zolotarev_1986 Zolotarev, V.G. (1986). Geotermicheskaya model Adenskogo rifta (Geothermal Model of the Aden Rift). [Геотермическая модель Аденского рифта]. *Okeanologiya (Oceanology), 26*(6), 947-952.

Zolotarev_Kobzar_1980 Zolotarev, V.G., & Kobzar, V.M. (1980). Geotermal'nyy potok v zapadnoy chasti Chernogo morya (New Heat Flow in the Western Black Sea). [Геотермический Поток В

ЗападноиЧасти Черного Моря]. *Okeanologiya (Oceanology), 20*(1), 106-110.

Zolotarev_Sochelnikov_1988 Zolotarev, V.G., & Sochelnikov, V.V. (1988). Teplovoe Pole Krasnomorskogo Rifta (Thermal field of the Red Sea rift). In *Geotermicheskie Issledovaniya na Dne Akvatoriy (Geothermal Investigations on the Seafloor)* (pp. 41-48).

Zolotarev_etal._1989 Zolotarev, V.G., Sochelnikov, V.V., & Kondyurin, A.V. (1989). *Vnutrenniy otchet (Internal Report)*. Retrieved from

Zolotarev_etal._1979a Zolotarev, V.G., Sochelnikov, V.V., & Malovitskiy, Y.P. (1979). Results of heat-flow measurements in the Black and Mediterranean Sea basins. *Oceanology, 19*, 701-705 https://doi.org/10.1594/pangaea.810098.

Zu_etal._1996 Zu, J.-H., Wu, Q., & Lian, Y.-F. (1996). The Geothermal Study of the Mid-Segment of the Tancheng-Lujiang Fault Zone and Its Neighboring Region. *Earthquake Research in China*(3), 37-44.

Zu_etal._1997 Zu, J.-H., Wu, Q., & Lian, Y.-F. (1997). Geothermal study of Yanqin-Huairou Basin and its adjacent area (延庆-怀来盆地及其邻区地热研究). [延庆-怀来盆地及其邻区地热研究]. *Acta Seismologica Sinica, 19*(4), 442-444. Retrieved from http://www.dzxb.org/article/id/ff9fdcd2-8da9-4f35-9121-fad431a9d49b.

Zuev_etal._1971 Zuev, Y.N., Iskander, E., & Muminov, I.A. (1971). *O teplofizicheskikh svoystvakh gornykh porod nekotorykh rayonov Zapadnogoi Yuzhnogo Tyan'-Shanya i geotermicheskikh usloviyakh Ferganskoy vpadiny (On the thermophysical properties of rocks in some areas of the Western and the Southern Tien Shan and the geothermal conditions of the Fergana depression)*. Tashkent.

Zuev_Polikarpov_1982 Zuev, Y.N., & Polikarpov, A.A. (1982). *New data on heat flow within the southeastern slope of the Kuramin Ridge* (Vol. 10).

Zuev_Polikarpov_1984 Zuev, Y.N., & Polikarpov, A.A. (1984). Rezul'taty geotermicheskikh issledovaniy na Pamire (Results of geothermal research in the Pamirs). [В: земная кора И.В.ерхняя мантия гималаев]. *Zemnaya kora i verkhnyaya mantiya Srednei Azii (Earth's Crust & Upper Mantle of Central Asia)*, 107-114.

Zuev_Tal-Virsky_1977 Zuev, Y.N., & Talvirsky, B.B. (1977). (Deep heat flow and some its sources). [Земная Кора & Верхняя Мантия Сред- Ней Азии (русс)]. *Zemnaya kora i verkhnyaya mantiya Srednei Azii (Earth's Crust & Upper Mantle of Central Asia)*, 134–152.

Zui_etal._1985 Zui, V.I., Urban, G.I., Veselko, A.V., & Zhuk, M.S. (1985). Geotermicheskie isledovaniya v kaliningradskoi oblasti i litovskoi ssr (Geothermal research in the Kaliningrad region and the Lithuanian usr). In *Seismologicheskie I Geotermicheskie Issledovaniya V Belorussii* (pp. 88-94).

Zuo_etal._2013 Zuo, Y.-H., Qiu, N.-S., Deng, Y.-X., Rao, S., Xu, S.-M., & Li, J.-G. (2013). Terrestrial Heat Flow in the Qagan Sag, Inner Mongolia. *Chinese Journal of Geophysics, 56*(5), 559-571 https://doi.org/10.1002/cjg2.20053.