

V.ČERMÁK, 1963. The surface distribution of gamma-ray intensity from a source with a variable density of the radioactive substance. Stud. geophys.et geod., 7, 45-52.

V.ČERMÁK, 1963. Statistical determination of the law of dispersion of marking material in the shattered zone. Stud.geophys.et geod., 7, 273-283.

V.ČERMÁK, 1967. Results of investigations of heat flow in Czechoslovakia in 1964-1966. Stud.geophys.et geod., 11, 342-344.

V.ČERMÁK, 1967. Heat flow near Teplice in North Bohemia. Geophys.J. Roy.Astron.,Soc., 13, 547-549.

V.ČERMÁK, 1967. Coefficient of thermal conductivity of some sediments and its dependence on density and water content of rocks. Chemie der Erde, 26, 271-278.

V.ČERMÁK, 1967. Heat flow in the Kladno-Rakovník Coal Basin. Gerlands Beitr.Geophys., 76, 461-466.

V.ČERMÁK, 1967. Země a její tepelná historie, Academia, Praha, 102 pp. (in Czech).

V.ČERMÁK and KRČMÁŘ, B., 1967. Tepelný tok ve vrtu NV-1 (Nová Ves u Chýnova). Věstník Ústř.úst.Geol., 42, 445-448 (in Czech).

V.ČERMÁK, 1968. Heat flow in the Upper Silesian Coal Basin. Pure Appl.Geophys., 69, 119-130.

V.ČERMÁK, 1968. Der Wärmefluß in der Tschechoslowakei und sein Zusammenhang mit Tiefstrukturen. Freib.Forschungshefte C238, 25-32.

V.ČERMÁK, 1968. Terrestrial heat flow in Eastern Slovakia. Travaux Inst. Géophys.Acad.Tchécosl.Sci., No.275, Geofysikální sborník 1967, Academia, Praha, 305-319.

V.ČERMÁK, 1968. Heat flow in the Žacléř-Svatoňovice Basin. Acta Geophys.Pol., 16, 3-9.

V.ČERMÁK, 1968. Terrestrial heat flow in the Alpine-Carpathian Foredeep in South Moravia. J.Geophys.Res., 73, 850-821.

V.ČERMÁK, 1968. Terrestrial heat flow in Czechoslovakia and its relation to some geological features. Proceedings, 23rd. Inter.Geol.Congress., 5, 75-85.

V.ČERMÁK, 1968. The correlation of heat flow values with the tectonic structure in Czechoslovakia. Nature, 218, 556-557.

V.ČERMÁK, J.JETEL and KRČMÁŘ, B., 1968. Terrestrial heat flow in the Bohemian Massif and its relation to the deep structure. Sborník geol.věd, UG 7, 25-38.

V.ČERMÁK, Kárník, M. and KRČMÁŘ, B., 1968. Měření teploty a tepelná tok v příbramských dolech. Časop.miner.geol., 13, 215-216 (in Czech).

V.ČERMÁK and KRČMÁŘ, B., 1968. Der Erdwärmefluß in der südwestlichen Slowakei. Acta geod., geophys. et mont., 3, 319-329.

V.ČERMÁK and KRČMÁŘ, B., 1968. Měření tepelného toku ve dvou šachtách v západních a jižních Čechách. Věstník Ústř.úst.geol., 43, 415-422 (in Czech)

V.ČERMÁK and M.KREŠL, 1968. Thermal conductivity of rocks and its measurement on a divided-bar apparatus. Travaux Inst.Geophys.Acad.Tchécosl.Sci., No.274, Geofyzikální sborník 1967, Academia, Praha, 287-304.

V.ČERMÁK, M.KREŠL and VESELÝ, I., 1968. Experimental determination of the coefficient of heat transfer during hole boring and the re-establishment of the temperature field equilibrium. Earth Planet.Sci.Letts., 5, 153-158.

V.ČERMÁK, 1969. Results of heat flow measurements in Czechoslovakia. EOS, Trans.Am.Geophys. Union, 50, 315.

V.ČERMÁK, 1970. Underground temperature and inferred climatic temperature of the past millenium. EOS, Trans.Am.Geophys, Union, 51, 296.

V.ČERMÁK, 1971. Vztah tepelného toku k hlubinné stavbě na území Československa. 3. ročník interdisciplinárního semináře, Výzkum hlubinné geologické stavby Československa. Úst. užité geofyziky, Brno, 63-76 (in Czech).

V.ČERMÁK, 1971. Underground temperature and inferred climatic temperature of the past millenium. Palaeogeography, Palaeoclimatology, Palaeoecology, 10, 1-19.

V.ČERMÁK and JESSOP, A.M., 1971. Heat flow, heat generation and crustal temperature in the Kapuskasing area of the Canadian shield. Tectonophysics, 11, 287-303.

V.ČERMÁK, 1972. Heat flow and gravity in Czechoslovakia. Stud. Geophys.et Geod., 16, 77-87.

V.ČERMÁK, 1972. Problémy geotermického výzkumu zemské kůry. Geologický průzkum, Praha, 14, 6-8 (in Czech).

V.ČERMÁK, 1972. Tepelný tok a stavba zemské kůry. Geologický průzkum, Praha, 14, 33-37 (in Czech).

V.ČERMÁK and JESSOP, A.M., 1972. Heat flow and heat generation in the Canadian shield. Geothermics, 1, 70-72.

V.ČERMÁK, 1973. Thermal conductivity of rocks, its measurements and role in heat flow investigation. Mineralia Slovaca, 5, 507-513.

V.ČERMÁK and A.JANAČKOVÁ., 1973. Geotermika I (Textbook), Universita Karlova, Praha, 109pp. (in Czech).

V.ČERMÁK, 1974. Deep temperature calculation along the deep seismic sounding profile across the

Carpathians (Model calculation). *Acta Geol.Sci.Hung.*, 18, 295-303.

V.ČERMÁK, 1975. Thermal structure of the crust in Czechoslovakia. *Veröffentlichungen des Zentralinstitutes für Physik der Erde*, Jena, No 31(2), 347-355.

V.ČERMÁK, 1975. Temperature-depth profiles in Czechoslovakia and some adjacent areas derived from heat-flow measurements, deep seismic sounding and other geophysical data. *Tectonophysics*, 26, 103-119.

V.ČERMÁK, 1975. Combined heat flow and heat generation measurements in the Bohemian Massif. *Geothermics*, 4, 19-26.

V.ČERMÁK, 1975. Terrestrial heat flow in the Neogene foredeep and the flysch zone of the Czechoslovak Carpathians. *Geothermics*, 4, 8-13.

V.ČERMÁK, 1975. Geotermický výzkum neogenní předhlubně a flyšového pásma Karpát. *Ústřední ústav Geol.*, Praha, 58pp, 113 Tabs., (In Czech).

V.ČERMÁK, 1975. Heat flow and deep temperature distribution in Central and Eastern Europe and their geodynamical applications. In: N.A.Florensov and N.A.Logatschev (Eds.), *Rifting Problems, Symp. on the Rift Zones of the Earth*, Irkutsk, 77-78.

V.ČERMÁK, 1975. Paleoklimaticheskoye znacheniye izmereniy temperaturi tolsch gornykh porod. In: P.I.Melnikov (Red.), *Problemi mezlotovedeniya*. 2. *Mezdunarodnaya konferentsiya po mezlotovedeniyu*, Yakutskoye knizhnoye izdatelstvo, 8, 209-215 (in Russian).

V.ČERMÁK, 1975. Geotermický výzkum v Československu. *Sborník 6.Celostátní konference geofyziků*, Plzeň. *Geofyzika*, Brno, 2, 469-476 (in Czech).

V.ČERMÁK, M.KREŠL, V.NOVÁK. and D.VENHODOVÁ, 1975. Heat flow in Czechoslovakia: Relationship with geological age. In: *Recent Researches in Geology*, Hindustan Publ.Corp., Delhi, 283-288.

V.ČERMÁK, 1976. Processing of heat flow data - thermal conductivity and temperature gradient. In A.Ádám (Ed.), *Geoelectric and Geothermal Studies (East-Central Europe and Soviet Asia)*, KAPG Geophys.Monograph, Akademia Kiadó, Budapest, 53-58.

V.ČERMÁK, 1976. Paleoclimatic effect on the underground temperature and some problems of correcting heat flow data. In A.Ádám (Ed.), *Geoelectric and Geothermal Studies (East-Central Europe and Soviet Asia)*, KAPG Geophys.Monograph, Akademia Kiadó, Budapest, 59-66.

V.ČERMÁK, 1976. Heat flow investigation in Czechoslovakia. In A. Ádám (Ed.), *Geoelectric and Geothermal Studies (East-Central Europe and Soviet Asia)*, KAPG Geophys.Monograph, Akademia Kiadó, Budapest, 314-324.

V.ČERMÁK, 1976. High heat flow measured in the Ostrava-Karviná Coal Basin. *Stud.Geophys.et Geod.*, 20, 64-71.

V.ČERMÁK, 1976. Zemský tepelný tok ve vrtu Lidečko-1 v magurském flyši ve vnějších Karpatech. Čas.Min.Geol., 21, 193-198 (in Czech).

V.ČERMÁK, 1976. Terrestrial heat flow in two deep holes in the Ostrava-Karviná Coal Basin. Věstník Ústřed.úst.geol., 51, 75-84.

V.ČERMÁK, 1976. Mapa tepelného toku na území Československa a její význam při vyhledávání perspektivních zdrojů geotermální energie. In: Sborník 2.mezinárodní konf. "Aplikace geofyziky v inženýrské geologii a hydrogeologii", Brno, 1(2), 783-795 (in Czech).

V.ČERMÁK, 1976. Tepelný a teplotní režim svrchní kůry zemské se zvláštním zřetelem k poměru Ostravsko-Karvinského revíru. In: Sborník referátů semináře "Mechanicko-tepelné vlastnosti hornin", Vysoká škola báňská, Ostrava, 37-51 (in Czech).

V.ČERMÁK, 1976. Rozložení teploty v zemské kůře ve vybraných oblastech na území Československa. In: Výzkum hlubinné geologické stavby Československa, Sborník referátů, Geofyzika, Brno, 123-129 (in Czech).

V.ČERMÁK, 1976. Geotermika II (Textbook). Karlova Universita, Praha, 66pp (in Czech).

V.ČERMÁK and A.JANÁČKOVÁ., 1976. Geotermika III (Textbook). Universita Karlova, Praha, 100pp (in Czech).

V.ČERMÁK and E.A.LJUBIMOVA, 1976. Heat flow map of Central Europe (1:10,000,000). In A. Ádám (Ed.), Geoelectric and Geothermal Studies (East-Central Europe and Soviet Asia), KAPG Geophys.Monograph, Akademia Kiadó, Budapest, 376-380.

V.ČERMÁK, E.A.LJUBIMOVA and L.STEGENA, 1976. Geothermal mapping in Central and Eastern Europe. In: Development and Use of Geothermal Resources, 2nd.UN Symp., San Francisco, US Govern.Printing Office, Washington, 1, 47-57.

V.ČERMÁK, E.A.LJUBIMOVA (Eds-in-chief), I.PETKOV, M.KREŠL, I.MARUŠIAK, Hurtig, E., Oelsner, Ch., Boldizsár, T., L.STEGENA, Majorowicz, J., Plewa, S., Wesierska, M., Demetrescu, C., Negoita, V., Kutas, R.I., Polyak, B.G. and Smirnov, Ya.B., 1976. Heat flow of Central and Eastern Europe (1:10,000,000). In: Ádám (Ed.), Geoelectric and Geothermal Studies (East-Central Europe and Soviet Asia), KAPG Geophys.Monograph, Akademia Kiadó, Budapest, enclosure.

L.STEGENA (Ed-in-chief), I.PETKOV, V.ČERMÁK, Ch.OELSNER, S.PLEWA, Demetrescu, C., E.A.LJUBIMOVA et al., 1976. Geoisotherms at depth of 1 km in Central and eastern Europe (1:10,000,000). In:A.Ádám (ED.), Geoelectric and Geothermal Studies (East-Central Europe and Soviet Asia), KAPG Geophys. Monograph, Akademia Kiadó, Budapest, enclosure.

V.ČERMÁK, J.PĚČOVÁ and O.PRAUS, 1976. Heat flow, crustal temperatures and geoelectric cross-section in Czechoslovakia. In: A.Ádám (Ed.), Geoelectric and Geothermal Studies (East-Central Europe and Soviet Asia), KAPG Geophys. Monograph, Akademia Kiadó, Budapest, 538-542.

V.ČERMÁK, J.PĚČOVÁ, O.PRAUS and V.PETR, 1976. Výsledky magnetotellurických měření na profilu HSS VI. a jejich geotermická interpretace. In: Výzkum hlubiné geologické stavby

Československa. Sborník referátů, Geofyzika, Brno, 53-58 (in Czech).

T.PAČES and V.ČERMÁK, 1976. Subsurface temperatures in the Bohemian Massif: Geophysical measurements and geochemical estimates. In: Development and Use of Geothermal Resources, 2nd UN Symposium, San Francisco, US Govern. Printing Office, Washington, D.C., 1, 803-807.

V.ČERMÁK, 1977. Heat flow map of the Bohemian Massif. J.Geophys., 42, 455-488.

V.ČERMÁK, 1977. Heat flow measured in five holes in Eastern and Central Slovakia. Earth Planet.Sci.Letts., 34, 67-70.

V.ČERMÁK, 1977. Geothermal measurements in Palaeogene, Cretaceous and Permo-Carboniferous sediments in northern Bohemia. Geophys.J.Roy.Astron.Soc., 48, 537-541.

V.ČERMÁK, 1977. Some comments on the effect of the past climatic changes on the underground temperature field. Publ. Inst.Geophys.Pol.Acad.Sci., A-3(103), 45-56.

V.ČERMÁK, 1977. Geothermal models of the Bohemian Massif (Variscian) and the Western Carpathians (Alpine) and their mutual relation. Tectonophysics, 41, 127-137.

V.ČERMÁK, 1977. Mapa tepelného toku na území Českého masívu a její interpretace při vyhledávání geotermálních zdrojů. In: Výskum, prieskum, využitie a ochrana podzemných horúcich vod v ČSSR. Zborník prednášok. Slov.vedecko-techn.spol., Bratislava, 98-105 (in Czech).

V.ČERMÁK, 1977. Prostorové rozložení zemského tepla v ČSSR. In: M.Hazdrová (Ed.), Možnosti využití zemského tepla hlubších zón vybraných oblastí v ČSR. Ústř.ústav Geol., Praha, 13-21 (in Czech).

V.ČERMÁK, 1977. Teplovoy potok i raspredeleniye hlubinnikh temperatur v Centralnoy i Vostochnoy Evrope i ikh geodynamicheskoye prolozheniye. In: N.A.Florentsov i N.A.Logachev (Red.), Rol riftogeneza v geologicheskoy istorii Zemli. Izd.Nauka,Sib.otd., Novosibirsk, 169-172 (in Russian).

V.ČERMÁK, 1977. Relation between heat flow and crustal thickness. Acta Geol.Sci.Hung., 21, 261-263.

V.ČERMÁK, V.HERINK, J.JETEL, M.KOLÁŘOVÁ, J.KRAJČA, L.LORENC, M.MICHALÍČEK, V.ŠEDIVÝ and A.TĚŽKÝ, 1977. Metody hydrogeologického výzkumu hlubokých struktur. Ústř.úst.geol., Praha, 195pp. (in Czech).

V.ČERMÁK and E.HURTIG, 1977. Heat flow map of Central and Eastern Europe (revised version). Stud.Geophys.Geod., 21, 394-397.

V.ČERMÁK and E.HURTIG, 1977. Preliminary Heat Flow Map of Europe, 1:1,000,000 (Map and Explanatory Note),Geophys.Inst. Czechosl.Acad.Sci., Praha and Zentralinst.f.Physik d.Erde, Potsdam, 58pp.

V.ČERMÁK, E.HURTIG, R.I.KUTAS, M.LODDO, E.A.LJUBIMOVA, F.MONGELLI, P.MORGAN, Ya.B.SMIRNOV and A.K.TEZCAN, 1977. Heat flow map of Southern Europe and the Mediterranean

Region. In: Thermal Waters, Geothermal Energy and Vulcanism, Proceedings, Intern. Congress, Athens, Vol.1, 149-168.

V.ČERMÁK, M.KREŠL, I.LIZOŇ, I.MARUŠIAK and VESELÝ, I., 1977. Geothermal investigation in Czechoslovakia 1974-1975. Publ.Inst.Geophys.Pol.Acad.Sci.,A-3(103), 13-26.

V.ČERMÁK, E.A.LJUBIMOVA and L.STEGENA, 1977. Geothermal mapping in Central and Eastern Europe. In: Hydrology of Great Sedimentary Basins, Proceedings. M.All.Foldtani Intézet Évkonyvsorozatában, Budapest, 284-289.

V.ČERMÁK and L.STEGENA, 1977. Preparation of the heat flow map of the KAPG countries (Final report).Publ.Inst.Geophys. Pol.Acad. Sci., A-3(103), 3-11.

V.ČERMÁK, V.VAŇKOVÁ, M.MATOLÍN and J.BARTOŠEK, 1977. Heat production data from airborne and laboratory measurements of gamma-ray activity of rocks. Stud.Geophys.et Geod., 21, 70-80.

E.HURTIG, V.ČERMÁK and L.STEGENA, 1977. Heat flow in Europe and its tectonic implication in the Mediterranean area and at the SW-border of the East European platform. Publ. Inst. Geophys. Pol. Acad.Sci., A-5(106), 327-334.

R.I.KUTAS, S.PLEWA, V.ČERMÁK and L.STEGENA, 1977. Teplovoye polye Karpatskogo regiona i ego tektonicheskaya interpretaciya (Abstract). In: Matiali XI. Kongresa Karpatsko-Balkanskoy Geologicheskoy Associaciyi. Naukova Dumka, Kiev, 439 (in Russian).

V.ČERMÁK, 1978. First heat flow map of Czechoslovakia. Trav.Inst.Géophys. Tchécosl.Acad.Sci., No.461, Geofysikální sborník 1976. Academia, Praha, 245-261.

V.ČERMÁK, 1978. The map of heat flow in Europe and its role in the preliminary evaluation of the sources of geothermal energy. In: Ch.Svensson and A.A.Larson (Eds.), Nordic Symposium on Geothermal Energy, Univ. of Göteborg,Göteborg, 52-57.

V.ČERMÁK and E.HURTIG, 1978. The preliminary heat flow map of Europe and some of its tectonic and geophysical implications. Pageoph, 117, 92-103.

E.HURTIG and V.ČERMÁK, 1978. Mapping of the heat flow pattern in Europe. Rev.Roum.Géol., Géophys.,Géogr.,Ser.Géophys., 22, 73-82.

V.ČERMÁK, 1979. Heat Flow map of Europe. In: Geodynamic Investigations in Czechoslovakia, Final Report. Veda, Bratislava, 85-89.

V.ČERMÁK, 1979. Geothermal studies and heat flow map of Czechoslovakia. In: Geodynamic Investigation in Czechoslovakia, Final Report, Veda Bratislava, 129-132.

V.ČERMÁK, 1979. Interpretace mapy tepelného toku v Evropě: Vztah tloušťky zemské kůry a povrchové geotermické aktivity. In: Výzkum hlubinné geologické stavby v Československu, Sborník referátů, Loučná; Geofyzika, Brno, 107-112 (in Czech).

J.ZAHRADNÍK and ČERMÁK. V., 1979. Two-dimensional correlation of geophysical data applied to

the heat flow earth's crust thickness patterns in Czechoslovakia. Stud. Geophys. et Geod., 23, 251-262.

V.ČERMÁK and L.RYBACH, 1979. Terrestrial heat flow in Europe (Preface). In: V. ČERMÁK and L. Rybach (Eds.), Terrestrial Heat Flow in Europe. Springer Varlag, Berlin, Heidelberg and New York, v-vi.

V.ČERMÁK, 1979. Review of heat flow measurements in Czechoslovakia. In: V.ČERMÁK and L. Rybach (Eds.), Terrestrial Heat Flow in Europe, Springer Verlag, Berlin, Heidelberg and New York, 152-160.

D.S.CHAPMAN, H.N.POLLACK and V.ČERMÁK, 1979. Global heat flow with special reference to the region of Europe. In: V.ČERMÁK and L.Rybach (Eds.), Terrestrial Heat Flow in Europe. Springer Verlag, Berlin, Heidelberg and New York, 41-48.

V.ČERMÁK, 1979. Heat flow map of Europe. In: V. Čermák and L. Rybach (Eds.), Terrestrial Heat Flow in Europe. Springer Verlag, Berlin, Heidelberg and New York, 3-40.

V.ČERMÁK and E.HURTIG (Eds.), 1979. Heat flow map of Europe, 1: 5,000,000. In: V. ČERMÁK and L. Rybach (Eds.), Terrestrial Heat Flow in Europe. Springer Verlag, Berlin, Heidelberg and New York, colour enclosure.

V.ČERMÁK, 1979. Tepelný tok v ČSR. In: T.Pačes (Ed.), Možnosti využití zemského tepla suchých hornin v ČSR. Zpráva za rok 1979. Ústřed.úst.geol., Praha, 12-16 (in Czech).

V.ČERMÁK, J.ŠAFANDA and S.HALADA, 1979. Hloubky teplot pro energetické využití v ČSR. In: T.Pačes (Ed.), Možnosti využití zemského tepla suchých hornin v ČSR. Zpráva za rok 1979. Ústřed.úst.geol., Praha, 16-22 (in Czech).

V.ČERMÁK, 1980. Tok zemského tepla v Československu. In: R.Květ (Ed.), Planetární ekvidistanční poruchové systémy, puklinové zóny a tektonika fundamentu. Studia geographica, Brno, 70, 112-117 (in Czech).

V.ČERMÁK, 1980. Geotermický výzkum v Československu. In: Sborník 7.celostátní konference geofyziků, Gottwaldov, 5, 19-24 (in Czech).

V.ČERMÁK, 1980. Mapa tepelného toku v Evropě: poznámky k její interpretaci, odvozená mapa hlubinných teplot, tepelného toku na rozhraní kůra-plášť a mapa tloušťky litosféry. In: Sborník 7.celostátní konference geofyziků, Gottwaldov, 6, 47-53 (in Czech).

V.ČERMÁK and J.ZAHRADNÍK, 1980. Korelační vztah tepelného toku a tloušťky zemské kůry na území Československa. In: Výzkum hlubinné geologické stavby Československa, Seminář Liblice, Geofyzika, Brno, 159-166.

V.ČERMÁK, 1980. Moho heat flow and its distribution in Europe (Abstract). In: Geoelektrische und Geothermische Modelle für inhomogene Medien und Anwendung in Suche, Erkundung und Geotektonik, KAPG Symposium, Dresden. Geod.Geophys.Veröf., Berlin, Reihe III, Heft 47, 161.

A.ZÁTOPEK, M.ZOUNKOVÁ, B.BERÁNEK, V.ČERMÁK, A.DUDEK, O.FUSÁN, O.PRAUS, V.PETR and J.PĚČOVÁ, 1980. Struktura zemnoy kori Zapadnikh Karpat. In: V.B.Sollogub, A.Guterch and D.Prosen (Red.), Struktura zemnoy kori Centralnoy i Voistochnoy Evropi po dannim geofizicheskikh issledovaniy. Naukova Dumka, Kiev, 84-89 (in Russian).

V.ČERMÁK, 1981. Rozložení tepelného toku na rozhraní kúra-plášť na území Evropy. In: Výzkum hlubinné stavby v Československu (Odborný seminář, Loučná). Geofyzika, Brno, 65-78.

V.ČERMÁK and J.ŠAFANDA, 1980. Význam mapy tepelného toku při vyhledávání zdrojů geotermální energie v ČSR. In: Výzkum hlubinné geologické stavby v Československu (Odborný seminář, Loučná). Geofyzika, Brno 91-98 (in Czech).

V.ČERMÁK, S.HALADA, J.JETEL, L.KOPECKÝ and T.PAČES, 1981. Geotermální zdroje v ČSR. Geologický průzkum, 23, 12-15.

V.ČERMÁK, 1981. Mapa tepelného toku a prostorové rozložení zemského tepla v ČSR. In: M.HAZDROVÁ,

V.ČERMÁK, J.JURÁNEK, F.JURZA, M. MATOLÍN, T.PAČES and J.ŠPIČKA (Eds), Geotermální energie a její využití. Ústř.úst.geol., Praha, Academia, 40-49 (in Czech).

V.ČERMÁK, 1981. Heat flow investigations in Czechoslovakia. In: A.Zátopek (Ed.), Geophysical Syntheses in Czechoslovakia, Veda, Bratislava, 427-439.

V.ČERMÁK, 1981. Heat flow map of Czechoslovakia. In: A.Zátopek (Ed.), Geophysical Syntheses in Czechoslovakia, Veda, Bratislava, 441-448.

V.ČERMÁK, E.A.LJUBIMOVA, Ch.OELSNER and L.STEGENA, 1981. Geothermal research activity in Central and Eastern Europe. Ann.Univ.Sci.Bud. Eotvos,Sec.Geol., 23, 45-65.

V.ČERMÁK, 1982. Crustal temperature and mantle heat flow in Europe. Tectonophysics, 83, 123-142.

V.ČERMÁK and L.RYBACH, 1982. Thermal properties: Thermal conductivity and specific heat of minerals and rocks. In: G.Angeneister (Ed.), Landolt-Börnstein Zahlenwerte und Funktionen aus Naturwissenschaften und Technik, Neue Serie, Physikalische Eigenschaften der Gesteine. Springer Verlag, Berlin, Heidelberg and New York, V/1a, 305-343.

L.RYBACH and V.ČERMÁK, 1982. Radioactive heat generation in rocks. In: G.Angeneister (Ed.), Landolt-Börnstein Zahlenwerte und Funktionen aus Naturwissenschaften und Technik, Neue Serie, Physikalische Eigenschaften der Gesteine. Springer Verlag, Berlin, Heidelberg and New York, V/1a, 353-371.

V.ČERMÁK, 1982. Regional pattern of the lithosphere thickness in Europe. In: V.ČERMÁK and R.Haenel (Eds.), Geothermics and Geothermal Energy. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, 1-10.

V.ČERMÁK and J.ZAHRADNÍK, 1982. Two-dimensional correlation of heat flow and crustal thickness in Europe. In: V.ČERMÁK and R.Haenel (Eds.), Geothermics and Geothermal Energy.

Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, 17-25.

V.ČERMÁK and J.ŠAFANDA, 1982. Subsurface temeperature distribution in Western Czechoslovakia and its mapping for appraising the exploitable sources of geothermal energy. In: V. ČERMÁK and R.Haenel (Eds.), Geothermics and Geothermal Energy. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, 265-270.

V.ČERMÁK, 1982. Geotermicheskaya model litosferi i karta moščnosti litosferi na teritoriyi SSSR. Izv.AN SSSR, Fizika Zemli no.1, 25-38 (in Russian).

B.G.POLYAK, E.M.PRASOLOV. and V.ČERMÁK, 1982. Mantiyniy geliy v yuvenilnikh fluidakh i priroda geotermicheskoy anomaliyi Rudnikh gor (CSSR). Dokl.AN SSSR., 263, 701-705 (in Russian).

V.ČERMÁK and L.RYBACH (Eds.), 1982. Teplovoye Pole Zemli, Izd. Mir, Moskva, 376pp (in Russian, translated from English "Terrestrial Heat Flow in Europe", Springer Verlag, 1979).

T.PAČES, V.ČERMÁK, M.HAZDROVÁ, J.JETEL, J.JURÁNEK, L.POKORNÝ, D.VENHODOVÁ and S.TOMÁŠEK, 1983. Možnosti využití zemského tepla suchých hornin v ČSR. Open file report, Ústř.úst.geol., Praha, 35 pp. (In Czech).

V.ČERMÁK, 1983. The construction of heat flow density maps. Zbl.Geol.Paläont., Teil 1, Heft 1/2, 57-69.

V.ČERMÁK, M.KREŠL, M.NÁPOLES-PRUNA, R.TENREYRO-PEREZ, J.VALDÉS and L.M.TORREZ, 1983. Mediciones profundas de temperature en Cuba Occidental y Central. Ser.Geologica (Cuba), Publ.Tec.Centro Inv. Geol., Habana, No. 2, 93-109.

V.ČERMÁK, 1983. Studium zemského tepelného toku. Čs.čas.fyz [A], 33, 461-470 (in Czech).

V.ČERMÁK, 1984. Poznámky k možnosti využití mapy tepelného toku při lokalizaci významných poruchových linií. In: R.Květ (Ed.), Planetární ekvidistanční poruchové systémy a tektonika fundamentu. Stud.geographica, 87, 71-72.

V.ČERMÁK, M.KREŠL, J.ŠAFANDA, M.NÁPOLES-PRUNA., R.TENREYRO-PEREZ, L.M.TORREZ-PAZ and J.J.VALDÉS, 1984. First heat flow density measurements in Cuba. In: V.ČERMÁK, L.RYBACH and D.S.CHAPMAN (Eds.): Terrestrial Heat Flow Studies and the Structure of the Lithosphere, Tectonophysics, 103, 283-296.

V.ČERMÁK, 1984. Heat flow and the deep structure in Europe. Proceedings 27th Int.Geol.Congr., Moscow, VNU Sci.Press, Utrecht, 8, 105-154.

V.ČERMÁK, 1984. Regional distribution of heat flow field in Europe; derived deep temperature and Moho heat flow patterns. In: G.Bunteberth (Ed.), Sitzungsbericht der 14.Sitzung der FKPE-Arbeitsgruppe, Bad Honnef, TU Clausthal-Zellerfeld.

V.ČERMÁK, 1984. Využití výsledků hlubinného seismického sondování při konstrukci geotermických modelů a při interpretaci geotermických dat. In: Výzkum hlubinné geologické stavby v Československu (Odborná seminář Loučná), Geofyzika, Brno, 93-100 (in Czech).

V.ČERMÁK, 1984. Heat flow map of Europe. Brief summary of the geophysical implications. Trav. Inst. Géophys. Acad. Tchécosl. Sci. No.562, Geofysikální sborník 1981, Academia, Praha, 29, 295-314.

V.ČERMÁK, 1984. Terrestrial heat flow in Europe and general features of its regional distribution. Trav. Inst. Géophys. Acad. Tchécosl. Sci., No.563, Geofysikální sborník 1981, Academia, Praha, 29, 315-324.

V.ČERMÁK, 1984. Význam mapy tepelného toku při prognózním vyhledávání ložisek geotermální energie. In: M.Mahel (Ed.), Zemská kóra a jej vztah k nerostným surovinám. Geol. ústav D. Štúra, Bratislava, 123-127 (in Czech).

V.ČERMÁK, 1984. Geotermické modely zemské kůry, jejich klasifikace a tektonické přiřazení. In: M.Mahel (Ed.), Zemská kóra a jej vztah k nerostným surovinám. Geol. ústav D. Štúra, Bratislava, 129-136 (in Czech).

V.ČERMÁK, 1984. Geotermický výzkum v Československu. In: M.Blížkovský (Ed.), Geofyzikální model litosféry, GFÚ ČSAV Praha a Geofyzika, Brno, 51-81 (in Czech).

V.ČERMÁK, 1984. Teplový potok i glubinnoye stroyenye Evropi. In: Materiali 27ogo Mezhdunarodnogo Geologicheskogo Kongresa, Tom 8, Geofizika, C.08. Moskva, 94-110 (in Russian).

V.ČERMÁK, 1984. Some comments on the heat flow density pattern in Europe and its interpretation. Acta geod.geophys.mont.Hung. 19(1-2), 53-56.

V.ČERMÁK and J.JETEL, 1985. Heat flow and groundwater movement in the Bohemian Cretaceous Basin (Czechoslovakia). J. Geodynamics, 4, 285-303.

V.ČERMÁK, 1985. Teplotní pole kontinentální kůry. In: Sborník referátů 8. celostátní konference geofyziků, České Budějovice, Vol.86, 20-25.

B.G.POLYAK, E.M.PRASOLOV, V.ČERMÁK and A.B.VERKHOVSKY, 1985. Isotopic composition of noble gases in geothermal fluids of the Krušné Hory Mts., Czechoslovakia, and the nature of the local geothermal anomaly. Geochimica et Cosmochimica Acta, 49, 695-699.

V.ČERMÁK, L.BODRI and J.ŠAFANDA, 1985. Crustal temperatures along five East European geotraverses. Terra Cognita, 5, 396.

V.ČERMÁK, 1986. Geotermické modelování zemské kůry s využitím údajů hlubinného seismického sondování. In: Výzkum hlubinné geologické stavby Československa. Sborník referátů, Loučná. Geofyzika, Brno, 31-40 (in Czech).

V.ČERMÁK, 1986. Geotermický model zemské kůry na území střední a východní Evropy. In: M. Blížkovský (Ed.), Geofyzikální model litosféry, Závěrečná zpráva OFTR-ČGÚ 82-160. Geofyzika, Brno, 271-291 (in Czech).

V.ČERMÁK, 1986. Introduction. In: V.ČERMÁK (Ed.), Geological Fields, Their Nature and Geological Interpretation. J. of Geodynamics, 5, 111-112.

V.ČERMÁK and L.BODRI, 1986. Two-dimensional temperature modelling along five east European geotraverses. In: V.ČERMÁK (Ed.), Geophysical Fields, Their Nature and Geological Interpretation. J. of Geodynamics, 5, 133-163.

V.ČERMÁK and L.BODRI, 1986. Temperature structure of the lithosphere based on 2-D temperature modelling applied to Central and Eastern Europe. In: J. Burrus (Ed.), Thermal Modelling in Sedimentary Basins. Collection Colloques et Seminaries 44, Ed. Technip., Paris, pp. 7-31.

J.KUBÍK and ČERMÁK V., 1986. Heat flow in the Upper Silesian Coal Basin: re-evaluation of data with special attention to the lithology. Stud.Geophys. et Geod., 30, 376-385.

V.ČERMÁK and L.BODRI, 1987. Közep-es Kelet-Europa geotermikus modellje. Magyar Geofizika, 28, 153-189 (in Hungarian).

J.ŠAFANDA, ČERMÁK V. and L.BODRI, 1987. Metodi razchota glubinnogo rasppredeleniya temperaturi. In: V. A. Magnickij, V. B. Sollogub i V. I. Starostenko (Red.): Izuchenije litosferi geofizicheskimi metodami (elektromagnitniye metodi, geotermiya i kompleksnaya interpretaciya). Kiev, Naukova Dumka, 102-124 (in Russian).

L.RYBACH and V.ČERMÁK, 1987. The depth dependence of heat production in the continental lithosphere, derived from seismic velocities. Geophys. Res. Lett., 14, 311-313.

V.ČERMÁK and M.LAŠTOVIČKOVÁ, 1987. Temperature profiles in the Earth of importance to deep electrical conductivity models. Pageoph. 125, 255-284.

V.ČERMÁK, 1987. Heat flow investigations in Europe: Data compilation, heat flow map and its interpretation. Rev. Brasileira Geofisica, 5, 173-188.

V.ČERMÁK, 1988. Nové výsledky získané při korelací tepelného toku s mocností zemské kůry na území Československa a v jeho nejbližším okolí. In: Výzkum hlubinné geologické stavby Československa, Seminář Smolenice, Sborník referátů, Brno, 126-133.

V.ČERMÁK, L.BODRI and J.ŠAFANDA, 1988. Raspredelenije glubinnikh temperatur vdol juzhnoy chasti geotraversa I. In: V.G.Sollogub, A.V.Chekunov and I.V.Litvinenko (Red.), Litosfera Centralnoy i Vostochnoy Evropi: Geotraversi I, II i V. Kiev Naukova Dumka, pp. 54-59 (in Russian).

B.BERÁNEK, M.BLÍŽKOVSÝ, V.ČERMÁK, M.HÜBNER, V.VYSKOČIL, L.NOVOTNÝ, M.SUK and J.ŠAFANDA, 1988. Kompleksnaya interpretaciya geofizicheskikh dannikh v predelakh Cheskogo masiva. In: V.B.Sollogub, A.V.Chekunov and I.V.Litvinenko (Red.), Litosfera Centralnoy i Vostochnoy Evropi: Geotraversi I, II i V. Kiev Naukova Dumka, pp. 59-60, (in Russian).

B.BERÁNEK, M.BLÍŽKOVSÝ, L.NOVOTNÝ, M.SUK, M.BURDA, V.ČERMÁK, M.HÜBNER, O.PRAUS, V.VYSKOČIL, M.BIELIK, O.FUSAN, L.BODRI and J.ŠAFANDA, 1988. Kompleksnaya interpretaciya geofizicheskikh parametrov vdol chekhoslovackogo uchastka geotraversa V. In: V.B.Sollogub, A.V.Chekunov and I.V.Litvinenko (Red.), Litosfera Centralnoy i Vostochnoy Evropi:

Geotraversi I, II i V. Kiev, Naukova Dumka, pp. 141-150 (in Russian).

L.BODRI and V.ČERMÁK, 1988. Modelirovaniye geotermicheskikh poley. In: Magnickiy, V.A., Sollogub, V.B. and Grachev, A.F. (Red.), Litosfera Centralnoy i Vostochnoy Evropi: Geodynamika. Kiev, Naukova Dumka, pp. 59-71 (in Russian).

V.ČERMÁK and L.BODRI, 1988. On the distribution of heat producing elements and the derived geothermal model of the continental crust. In: Abstracts, Inter. Symposium on Geothermal Energy, Kumamoto and Beppu, Japan, pp. 326-329.

V.ČERMÁK and R.HAENEL, 1988. Geothermal maps. In: R. R.HAENEL RYBACH and L.Stegena (Eds.), Hanbook of Terrestrial Heat Flow Density Determination. Kluwer Academic Publishers. Dordrecht, Boston and London, 261-300.

V.ČERMÁK, 1989. Crustal heat production and mantle heat flow. In: S. Uyeda, D.S.CHAPMAN and H.J.Zwart (Eds.), Thermal Aspects of Tectonics, Magmatism and Metamorphism. Tectonophysics, 159, 195-215.

V.ČERMÁK, 1989. Heat flow in a sedimentary basin in Czechoslovakia: evaluation of data with special attention to hydrogeology. In: A.E.Beck, G.Garven and L.Stegena (Eds.), Hydrogeological Regimes and Their Subsurface Thermal Effects. Geophysical.Monogr.47, IUGG Vol.2, pp.75-80.

V.ČERMÁK and L.BODRI 1989. On the vertical distribution of radiogenic heat production in the continental crust and the estimated heat flow. In: R.F.Mereu, S.Mueller and D.M.Fountain (Eds.), Properties and Processes of the Earth's Lower Crust. Geophys.Monogr. 51, IUGG Vol.6, pp. 235-242.

V.ČERMÁK and L.RYBACH, 1989. Vertical distribution of heat production in the continental crust. In: S. Uyeda, D.S.Chapman and H.J.Zwart (Eds.), Thermal Aspects of Tectonics, Magnetism and Metamorphism, Tectonophysics, 159, 217-230.

V.ČERMÁK, J.ŠAFANDA and A.GUTERCH, 1989. Deep temperature distribution along three profiles crossing the Teisseyre-Tornquist tectonic zone in Poland. In: V.ČERMÁK, L.RYBACH and E.R.Decker (Eds.), Heat Flow and Lithosphere Structure, Tectonophysics, 164, 151-163.

V.ČERMÁK and L.BODRI,, 1989. A. kontinentális kéreg radioaktivitásának mélység belieloszlása és a Moho-höáram. Magyar Geofizika, 30, No.6, 201-213.

Beck, A.E. and V.ČERMÁK, 1989. The International Heat Flow Commission. Geothermics, 18, 623-628.

P.BANKWITZ, V.ČERMÁK, E.HURTIG, P.JAKEŠ and Č.TOMEK, 1989. Joint Czechoslovakia-German Democratic Republic Geotransect: Variscan and Carpathian Lithosphere studies. In: Abstracts, 28th. Intern.Geological Congress, Washington, D.C., July 9-19, 1989, Vol.1, 82-83.

V.ČERMÁK, L.BODRI and B.TANNER, 1990. Deep crustal temperatures along the Central Segment of the EGT (Brief comments on techniques used and preliminary results). In: R.Freeman and St.Mueller (Eds.), Sixth EGT Workshop: Data Compilation and Synoptic Interpretation, pp.423-429. Commission of the European Communities, Strasbourg.

V.ČERMÁK, 1990. Zemský tepelný tok a izotopické složení helia. Čs.Čas.Fyz. A40, 73-80 (In Czech).

V.ČERMÁK, L.BODRI, L.RYBACH and G.BUNTERBARTH 1990. Relationship between seismic velocity and heat production: comparison of two sets of data and test of validity. Earth Planet Sci. Lett., 99, 48-57.

V.ČERMÁK, J.KUBÍK, M.M.SAIKIA and M.V.D.SITARAM, 1990. Geothermal model of the Notrth Eastern region of India: its possibilities and limitations. J. Geol.Soc.India, 36, 5-11.

V.ČERMÁK, 1990. A review of heat flow studies in Europe. In: B. Elishewitz (Ed.), Proceedings of the CCOP Heat Flow Workshop III, Bangkok, Nov. 17-19, 1988, pp.3-26. CCOP Techn.Secr., Bangkok.

V.ČERMÁK, N.BALLING, L.BODRI, B.DELLA VEDOVA, J.ŠAFANDA, Schulz, R. and Tanner, B., 1990. Heat flow along the EGT: an activity report. In: R.Freeman, P.Giese and St.Mueller (Eds.), The European Geotraverse: Integrative Studies, pp.387-399. European Science Foundation, Strasbourg.

V.ČERMÁK, M.KREŠL, J.ŠAFANDA, L.BODRI, M.NÁPOLES-PRUNA, R.TENREYRO-PEREZ, 1991. Terrestrial heat flow in Cuba. Phys.Earth Planet.Int., 65, 207-209.

V.ČERMÁK, L.BODRI, R.SCHULZ and B.TANNER 1991. Deep crustal temperatures along the Central Segment of the EGT. Tectonophysics, 195, 241-251.

V.ČERMÁK, L.BODRI and M.M.SAIKIA, 1991. Geothermal and rheological implications of crustal earthquakes in North-eastern Regions of India (Assam). J.Geol.Soc.India, 38, 282-292.

V.ČERMÁK and L.BODRI, 1991. A heat production model of the crust and upper mantle. Tectonophysics, 194, 307-323.

V.ČERMÁK, Král, M., M.KREŠL, J.KUBÍK and J.ŠAFANDA, 1991. Heat flow, regionbal geophysics and lithosphere structure in Czechoslovakia and adjacent part of Central Europe. In: V. ČERMÁK and L. RYBACH (Eds.), Heat Flow and the Lithosphere Structure. Springer Verlag, Berlin, Heidelberg and New York, pp.133-165.

V.ČERMÁK, L.BODRI and L.RYBACH 1991. Radioactive heat production in the continental crust and its depth dependence. In: V. ČERMÁK and L. RYBACH (Eds.), Heat Flow and the Lithosphere Structure. Springer Verlag, Berlin, Heidelberg and New York, pp. 23-69.

V.ČERMÁK and L.BODRI, 1992. Crustal thinning during rifting: a possible signature in radiogenic heat production. Tectonophysics, 209, 227-239.

V.ČERMÁK, L.BODRI and J.ŠAFANDA, 1992. Underground temperature fields and changing climate: evidence from Cuba. Global Planet.Change, 97, 325-337.

V.ČERMÁK, N.BALLING, B.DELLA VEDOVA, F.LUCAZEAU, V.PASQUALE, G.PELLIS, R.SCHULZ. and M.VERDOYA, 1992. Heat flow density. In: D.Blundell, R.Freeman and St.Mueller (Eds.), A Continent Revealed, The European Geotraverse: Atlas of Compiled Data. Cambridge Univ.Press., pp.49-57 and Atlas map 13 "Heat flow density", scale 1:2,5 Million (sheet North and sheet South).

E.HURTIG, V.ČERMÁK, R.HAENEL and Zui, V.I. (Eds.), 1992. Geothermal Atlas of Europe. Hermann Haack Verlagsgesellschaft mbH, Geographisch-Kartographische Anstalt, Gotha. Set of 36 maps and Explanatory Note, 156 pp.,

V.ČERMÁK, Král M., J.KUBÍK, J.ŠAFANDA, M.KREŠL, L.KUČEROVÁ, J.JÁNCÍ, I.LIZONĚ and I.MARUŠIAK, 1992. Subsurface temperature and heat flow density maps on the territory of Czechoslovakia. In: E. Hurtig, V. Čermák, R. Haenel and V.I.Zui (Eds.), Geothermal Atlas of Europe. Herman Haack, Geogr.-Kart. Anstalt, Gotha, pp.21-24.

V.ČERMÁK, L.BODRI and J.ŠAFANDA, 1992. Recent climate change recorded in the underground: Evidence from Cuba. *Global Planet.Change*, 98: 219-223.

J.ŠAFANDA, S.KASHUBIN and V.ČERMÁK, 1992. Temperature modelling along the Taratašskiy profile crossing the Ural Mountains. *Stud.geoph.geod.*, 36: 349-357.

V.ČERMÁK, J.KUBÍK and V.N.NARTIKOEV, 1992. Relationship between seismic velocity and radiogenic heat production: data from the SG-3 superdeep hole (Kola peninsula). In: G.Buntebarth (Ed.) Thermal Properties of Crustal Materials, 22.Sitzungsberichte der FKPE Arbeitsgruppe, Bad Honnef. TU Clausthal-Zellerfeld, pp.72-75.

V.ČERMÁK and L.BODRI, 1993. Heat production in the continental crust, Part I: Data converted from seismic velocities and their attempted interpretation. *Tectonophysics*, 225 : 15-28.

L.BODRI and V.ČERMÁK, 1993. Heat production in the continental crust, Part II: Variational approach. *Tectonophysics*, 225: 29-34.

V.ČERMÁK, N.BALLING, I.KUKKONEN and V.I.ZUI, 1993. Heat flow in the Baltic shield: Results of the lithosphere geothermal modelling. *Precambrian Geology*, 64: 53-65.

V.ČERMÁK, I.KUKKONEN. and J.ŠAFANDA, 1993. Temperature logs in deep wells - A useful tool for past climatic reconstruction. *Terra Nova*, 5: 134-143.

I.KUKKONEN., V.ČERMÁK and E.HURTIG, 1993. Vertical variation of heat flow density in the continental crust. *Terra Nova*, 5: 389-398.

V.ČERMÁK, 1993. Lithospheric thermal regimes in Europe. *Physics of the Earth and Planetary Interior*, 79: 179-193. Also in : Recent Advances in Geosciences, Elsevier, 1993.

V.ČERMÁK, 1993. Heat flow in the Urals. *Europrobe News*, Issue 2 (March 1993): 6.

V.ČERMÁK, 1993. Heat flow and the Teisseyre-Tornquist tectonic zone.
Publ.Inst.Geophys.Pol.Acad.Sci., A-20 (255), 39-42.

V.ČERMÁK and L.KUČEROVÁ, 1993. Lithospheric thermal regimes in Europe: theoretical basis for preliminary evaluation of geothermal potential. In: Proceedings of the International Seminar on Environmental Protection by the Use of Geothermal Energy, Zakopane, Poland, 13-18.Sept.1993, 14pp., see also Warunki termiczne w litosferze Europy Środkowej, Podstawy teoretyczne dla wstępnej oceny potencjalu geotermalnego. Technika Poszukiwan Geologicznych, Geosynptyka i Geotermia,

32 (5-6), 133-150.

V.ČERMÁK, 1994. Results of heat flow studies in Czechoslovakia. In: V.Bucha and M.Bližkovský (Eds.), Crustal Structure of the Bohemian Massif and the West Carpathians Academia, Praha, pp.85-120.

V.ČERMÁK, 1994. Climate change reconstructed from the present subsurface temperature field. In: R.Brázdil and M.Kolář (Eds.), Contemporary Climatology. Proceedings, Commission on Climatology, Intern.Geograph.Union, Brno, August 15-20, 1994. Masarykova Universita, Brno, pp. 147-154.

V.ČERMÁK and L.KUČEROVÁ, 1994. Lithospheric thermal regimes: theoretical basis for preliminary evaluation of geothermal potential. In: Proceedings of the Internationa Symposium Geothermics 94 in Europe, Orléans, Febr.8-9, 1994, Document BRGM No.230, pp.99-106.

I.KUKKONEN, V.ČERMÁK and J.ŠAFANDA, 1994. Subsurface temperature-depth profiles, anomalies due to climatic ground surface temperature changes or groundwater flow effects. Global and Planetary Change, 9: 221-232.

V.ČERMÁK, M.KREŠL, L.KUČEROVÁ, J.ŠAFANDA, A.FRASHERI, N.KAPEDANI, R.LICO. and D.CANO., 1995. Heat flow in Albania. Geothermics, 25: 91-102.

J.ŠAFANDA, M.KREŠL, V.ČERMÁK, A.R.G.HASANEAN, H.A.DEEBES, M.A.ABD-ALLA and S.M.MOUSTAFFA, 1995. Subsurface temperature measurements and terrestrial heat flow estimates in the Aswan region, Egypt. Stud.geoph.geod., 39: 162-176.

V.ČERMÁK and L.BODRI, 1995. Three-dimensional deep temperature modelling along the European geotraverse. Tectonophysics, 244: 1-11.

V.ČERMÁK, 1995. Geothermal model of the Central segment of the EGT (Extended abstract). Tectonophysics, 244: 51-55.

V.ČERMÁK 1995. Lithospheric thermal regimes in Europe. In: E.Barbier, G.Frye, E.Iglesias and G.Palmason (Eds.) Proceedings of the World Geothermal Congress, Firenze, Italy, 18-31 May 1995, IGA, Auckland, Vol.2, pp.731-735.

L.BODRI and V.ČERMÁK, 1995. Climate change of the last millenium inferred from the borehole temperatures : results from the Czech Republic - Part I. Global Planet.Change, 11: 111-125.

H.SHAOPENG, H.N.POLLACK, Wang, Ji-yang and V.ČERMÁK, 1995. Ground surface temperature histories inverted from subsurface temperatures from two boreholes located in Panxi, SW China. J.Southeast Asian Earth Sci., 12: 113-120.

F.K.BOULOS, V.ČERMÁK, L.BODRI and P.MORGAN, 1995. Geothermal models of the crust at some regions in Egypt, Proc. Inter.Conf.30 Years Cooper., Annals Geol.Survey Egypt, Cairo, pp. 417-426.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL and L.KUČEROVÁ, 1996. Heat flow studies in Central Europe with special emphasis on data from former Czechoslovakia. Global Tectonics and Metallogeny, 5: 109-123.

V.ČERMÁK and J.ŠAFANDA, 1996. Climate change inferred from borehole temperatures. *Global Tectonics and Metallogeny*, 6: 64-65.

V.ČERMÁK and L.BODRI, 1996. Time dependent deep temperature modelling : Central Alps. *Tectonophysics*, 257: 7-24.

V.ČERMÁK, J.ŠAFANDA and L.BODRI, 1996. Climate change inferred from borehole temperatures. *World Res.Review*, 8(1): 69-79.

L.BODRI and V.ČERMÁK, 1997. Climate changes of the last two millenia inferred from borehole temperatures. Results from the Czech Republic. Part II. *Global Planet.Change*, 14: 163-173.

L.BODRI and V.ČERMÁK, 1997. Reconstruction of remote climate changes from borehole temperatures. *Global Planet.Change*, 15: 47-57.

J.ŠAFANDA, V.ČERMÁK and L.BODRI, 1997. Climate history inferred from borehole temperatures, data from the Czech Republic. *Surveys in Geophysics*, 18: 197-212.

L.BODRI and V.ČERMÁK, 1998. Climate change inferred from borehole temperatures: how to improve the solution by using additional information. *Journal of Physics and Chemistry of the Earth*, 23, 873-882.

L.BODRI and V.ČERMÁK, 1998. Last 250 years climate reconstruction inferred from geothermal measurements in the Czech Republic. In: V.ČERMÁK (Ed.), *Heat Flow and the Structure of the Lithosphere - IV*, sp.issue, *Tectonophysics*, 291, 251-261.

V.ČERMÁK and L.BODRI, 1998. Heat flow map of Europe revisited. In: C.Clauser (Ed.), *Mitteilungen DGG*, Sonderband II/1998, 58-63.

L.BODRI, V.ČERMÁK and A.FRASHERI, 1998. Thermo-hydraulic modelling in mountainous and hilly areas: applications to Albania. *Albanian J.Natural and Technical Sciences*, 1998, No.5, 45-57.

V.ČERMÁK, L.BODRI and J.SAFANDA, 1998. Shallow Earth's surface: potential source of information on the changing climate. In: G.Bunteberth (Ed.) *Microtemperature signals of the Earth's crust*, 192.WE-Heraeus-Seminar, Bad Honnef, March 25-27, 1998, Technologiezentrum, Clausthal-Zellerfeld, pp. 48-49.

L.BODRI and V.ČERMÁK, 1998. Scale-invariance properties of microtemperature signals from borehole temperature logs. In: G.Bunteberth (Ed.) *Microtemperature signals of the Earth's crust*, 192.WE-Heraeus-Seminar, Bad Honnef, March 25-27, 1998, Technologiezentrum, Clausthal-Zellerfeld, pp. 104-114

L.BODRI and V.ČERMÁK, 1999. Climate changes of the last millennium inferred from borehole temperatures: regional patterns of climate changes in the Czech Republic - Part III. *Global and Planetary Change*, 21, No.4, p.225-235.

J.ŠAFANDA., V.ČERMÁK and P.ŠTULC, 1997. Geothermics. In: S.Vrana and V.Stedra (Eds.),

Geological Model of Western Bohemian Related to the KTB Borehole in Germany. Sb.Geol.Ved, 47, 196-204.

V.ČERMÁK and L.BODRI, 1999. Climate Change Inferred from Borehole Temperatures: Regional Pattern of Climatic Changes in the Czech Republic. World Resource Review, 11, No.2, pp.220-228.

L.BODRI and V.ČERMÁK, 2000. Prediction of extreme precipitation using a neural network: application to summer flood occurrence in Moravia, Advances in Engineering Software, 31, N.5, pp.311-321.

J.ŠAFANDA, V.ČERMÁK, 2000. Subsurface temperature changes due to the crustal magmatic activity – numerical simulation. Studia geoph. et geod. 44, 327-335.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL, Dědeček, P. and L.BODRI2000. Recent climate warming: surface air temperature series and geothermal evidence. Studia geoph. et geod. 44, 430-441.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL and P.DĚDEČEK : Climate warming: direct evidence observed in the underground. In: Abstract, Geothermics at the turn of the century, Evora, April 3-7, 2000, p.29.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL and P.DĚDEČEK : Climate warming: evidence monitored in the subsurface. In: Abstract, XXXI.IGC, Rio de Janeiro, August 6-17, 2000.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL and P.DĚDEČEK : Climate warming: evidence monitored in the subsurface. Geolines, 11 (Proceedings of the Int.Conf. on Past Global Changes "Upper Pleistocene and Holocene Climate Variations", Prague, September 6-9, 2000), 2000, pp.23-24.

J.ŠAFANDA and V.ČERMÁK : Effect of the recent magmatism in West Bohemia on the crustal temperatures. In: Abstract, XXV.EGS General Assembly, Nice, April 24-29, 2000, Geophys. Res. Abstr., Vol 2, 2000, Tectonophysics, p.259.

J.ŠAFANDA, V.ČERMÁK and D.RAJVER: Signature of the last ice detected in the subsurface temperatures. In: Abstract, XXXI.IGC, Rio de Janeiro, August 6-17, 2000.

J.ŠAFANDA, V.ČERMÁK and D.RAJVER: The last glacial-interglacial temperature contrast directly from the present - subsurface temperatures. Geolines, 11 (Proceedings of the Int.Conf. on Past Global Changes "Upper Pleistocene and Holocene Climate Variations", Prague, September 6-9, 2000), 2000, pp.28-30.

L.BODRI, V.ČERMÁK, M.KREŠL and J.ŠAFANDA: Scaling of subsurface temperature variations. In: Abstract, XXVI.EGS General Assembly, Nice, March 2001, Geophys. Res. Abstr., Vol 3, 2001, Nr.2477.

V.ČERMÁK, J.ŠAFANDA and L.BODRI: Does man contribute to the present-day climate warming? Evidence from the underground. In: Abstract, Heat Flow and the Structure of the Lithosphere, Kostelec 2001, p.6.

M.KREŠL, P.DĚDEČEK, V.ČERMÁK, J.ŠAFANDA and V.VAŇKOVÁ: Monitoring of the air-ground surface temperature coupling at three sites in Bohemia. In: Abstract, XXVI.EGS General Assembly,

Nice, March 2001, Geophys. Res. Abstr., Vol 3, 2001, Nr.4253.

V.ČERMÁK and J.ŠAFANDA: Above and below the Earth's surface: shallow depth temperature monitoring and recent climate warming. In: Abstract, XXVII.EGS General Assembly, Nice, April 2002, Geophys. Res. Abstr., Vol 4, 2002, EGS02-A-00581.

V.ČERMÁK and J.ŠAFANDA: Borehole and climate, reconstruction of the past climate changes by inversion of borehole temperatures. In: Abstract, Int.Paleoclimate Reconstruction Workshop, Matsuyama, November 2002, p.7.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL and L.BODRI: Monitoring temperature at shallow Earth - source of information on global warming rate. In: Proceedings of the international conference "The Earth's thermal field and related research methods", Moscow, June 2002, 34-37.

V.ČERMÁK, J.ŠAFANDA, M.YAMANO, T.NAGAO, M.TANIGUCHI, Y.OKUBO, A.MIYAKOSHI, E.GORDEEV and L.BODRI: Last century climate change in Kamchatka, evidence from the underground. In: Abstract, Int.Paleoclimate Reconstruction Workshop, Matsuyama, November 2002, p.10-11.

J.MAJOROWICZ, V.ČERMÁK, J.ŠAFANDA, M.WROBLEWSKA, P.KRZYWIEC, M.GRAD and A.GUTERCH: Geophysical consequences of the craton-accreted terranes thermal transition in Poland. In: Abstract, XXVII.EGS General Assembly, Nice, April 2002, Geophys. Res. Abstr., Vol 4, 2002, EGS02-A-03439.

J.ŠAFANDA, V.ČERMÁK, M.KREŠL and P.DĚDEČEK: Heat flow, regional geophysics and lithosphere structure in the Czech Republic. In: Abstract, XXVII.EGS General Assembly, Nice, April 2002, Geophys. Res. Abstr., Vol 4, 2002, EGS02-A-00576.

V.ČERMÁK and J.ŠAFANDA: Borehole and Climate: Reconstruction of the Past Climate Changes by Inversion of Borehole Temperatures. In: M.YAMANO, T.NAGAO, T.Sweda (Eds): Geothermal/Dendrochronological Paleoclimate Reconstruction across Eastern Margin of Eurasia. Proceedings 2002 International Matsuyama Workshop. 2003, pp.149-162.

V.ČERMÁK, J.ŠAFANDA, M.YAMANO, T.NAGAO, M.TANIGUCHI, Y.OKUBO, A.MIYAKOSHI, E.GORDEEV and L.BODRI: Last century climate change in Kamchatka, evidence from the underground. In: Abstract, EGS-AGU-EUG Joint Assembly, Nice, April 2003, Geophys. Res. Abstr., Vol. 5, 02084, 2003.

V.ČERMÁK, J.ŠAFANDA, M.YAMANO, T.NAGAO, M.TANIGUCHI, Y.OKUBO, A.MIYAKOSHI, E.GORDEEV and L.BODRI: Climate Change in Kamchatka, Evidence From the Underground. In: M.YAMANO, T.NAGAO, T.Sweda (Eds): Geothermal/Dendrochronological Paleoclimate Reconstruction across Eastern Margin of Eurasia. Proceedings 2002 International Matsuyama Workshop, 2003, pp.100-109.

J.MAJOROWICZ, V.ČERMÁK, J.ŠAFANDA, P.KRZYWIEC, M.WRÓBLEWSKA, A.GUTERCH and M.GRAD: Heat flow models across the Trans-European Suture Zone in the area of Polonaise'97 seismic experiment. Physics and Chemistry of the Earth 28, 2003, 375-391.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL and P.DĚDEČEK: Climate changes evidenced by geothermics. Čs.čas fyz. 54 (2004), 244-246.

V.ČERMÁK, J.ŠAFANDA, M.KREŠL and P.DĚDEČEK: Geotermika mapuje klimatické změny. Československý časopis pro fyziku, 4, 2004, 244-246.

P.DĚDEČEK, M.KREŠL, J.ŠAFANDA and V.ČERMÁK: Long-term monitoring of the air-ground temperature coupling under the different surface conditions - the first year results. Geophys.Res.Abstr., Vol.6, EGU General Assembly 2004, Nice, EGU-04-A-02756.

J.E.SMERDON, H.N.POLLACK, V.ČERMÁK, J.W.ENZ, M.KREŠL, J.ŠAFANDA and J.F.WEHMILLER: Air-ground temperature coupling and subsurface propagation of annual temperature signals. J.Geophys.Res.,Vol.109, D21107, doi: 10.1029/2004JD005056, 2004.

H. WILHELM, P.HEIDINGER, J.ŠAFANDA, V.ČERMÁK, H.BURKHARDT and Yu.POPOV: High resolution temperature measurements in the borehole Yaxcopol 1, Mexico. Meteoritics & Planetary Science 39, Nr 6, 2004, 813-819.

H.WILHELM, P.HEIDINGER, J.ŠAFANDA, V.ČERMÁK, H.BURKHARDT and Yu. POPOV: High resolution temperature measurements in the borehole Yaxcopol 1, Mexico. In: Abstracts of the International Workshop on "New and classical applications of heat flow studies", Aachen, Germany, 2004, p.120.

P.DĚDEČEK, J.ŠAFANDA, M.KREŠL and V.ČERMÁK: Interannual Changes of Soil Temperature, Moisture and Thermal Diffusivity under Different Surfaces, Geophysical Research Abstracts, Vol. 7, 05321, 2005 SRef-ID: 1607-7962/gra/EGU05-A-05321

H.WILHELM, Yu.POPOV, H.BURKHARDT, J.ŠAFANDA, V.ČERMÁK, P.HEIDINGER, D.KOROBKOV, R.ROMUSHKEVICH and P.MAYR: Heterogeneity effects in thermal borehole measurements in the Chicxulub impact crater. Journal of Geophysics and Engineering. 2, No. 4 (2005), pp. 357-363. ISSN 1742-2132.

J.ŠAFANDA, P.HEIDINGER, H.WILHELM and V.ČERMÁK: Fluid convection observed from temperature logs in the karst formation of the Yucatán peninsula, Mexico. Journal of Geophysics and Engineering. 2, No. 4 (2005), pp. 326-331. ISSN 1742-2132.

L.BODRI, V.ČERMÁK: Reply to Dr. Ferguson. Global and Planetary Change. 48, No. 4 (2005), pp. 315-316. ISSN 0921-8181.

L.BODRI, V.ČERMÁK. Borehole temperatures, climate change and the pre-observational surface air temperature mean: allowance for hydraulic conditions. Global and Planetary Change. 45, No. 4 (2005), pp. 265-276. ISSN 0921-8181.

P.DĚDEČEK, J.ŠAFANDA, M.KREŠL and V.ČERMÁK: Ground Surface Temperature Monitoring under Different Types of Surfaces – the Three Year Results, Geophysical Research Abstracts, Vol. 8, 07795, 2006, SRef-ID: 1607- 7962/gra/EGU06-A-07795.

J.E.SMERDON, H.N.POLLACK, V.ČERMÁK, J.W.ENZ, M.KREŠL, J.ŠAFANDA and J.F.WEHMILLER: Daily, seasonal, and annual relationships between air and subsurface temperatures. Journal of Geophysical Research. 111, D7 (2006), D07101/1-12. ISSN 0148-0227

V.ČERMÁK, J.ŠAFANDA, L.BODRI, M.YAMANO and E.A.GORDEEV: Comparative study of geothermal and meteorological records of climate change in Kamchatka. Studia geophysica et geodaetica. 50, No. 4 (2006), pp. 675-695. ISSN 0039-3169.

P.DĚDEČEK, J.ŠAFANDA, V.ČERMÁK and M.KREŠL: Long-term monitoring of the air-ground temperature coupling under the different surface conditions – the four years completed. Abstracts, 67th Annual Meeting of the DGG, Aachen, March 26–29, 2007.

J.ŠAFANDA, P.HEIDINGER, H.WILHELM and V.ČERMÁK: Post-drilling destabilization of temperature profile in borehole Yaxcopol-1, Mexico. Hydrogeology Journal, 2007, 15, No. 2, pp. 423-428. ISSN 1431-2174.

V.ČERMÁK, L.BODRI, and J.ŠAFANDA, 2008. Precise temperature monitoring in boreholes: Evidence for oscillatory convection? Part 2: Theory and interpretation. Int.J.Earth Sci., 97, 375-384, DOI 10.1007/s00531-007-0250-7

V.ČERMÁK, J.ŠAFANDA , and L.BODRI, 2008. Precise temperature monitoring in boreholes: Evidence for oscillatory convection? Part 1: Experiments and field data. Int.J.Earth Sci., 97, 365-373, DOI 10.1007/s00531-007-0237-4

V.ČERMÁK, J.ŠAFANDA, and M.KREŠL, 2008. High-resolution temperature monitoring in a borehole: Detection of the deterministic signal in noisy environment. Stud. Geophys. Geod., 52, 1-25.

V.ČERMÁK, J.ŠAFANDA, and M.KREŠL, 2008. Intra-hole fluid convection: High-resolution temperature time monitoring. Journal of Hydrology. 348, 464-479, DOI:10.1016/j.jhydrol.2007.10.016

J.MAJOROWICZ, J.ŠAFANDA, M.WROBLEWSKA, J.SZEWCYK and V.ČERMÁK, 2008.. Heat flow variation with depth in Poland: Evidence from equilibrium temperature logs in 2.9 km deep well Torun-1. Int.J.Earth Sci., 97, 307-315

V.ČERMÁK 2009. Recurrence Quantification Analysis of Borehole Temperatures: Evidence of Fluid Convection. Journal of Bifurcation and Chaos, 19(3), 889-902, DOI:10.1142/S0218127409023366

V.ČERMÁK, J.ŠAFANDA and L.BODRI, 2009. Thermal instability of the fluid column in a borehole, application to the Yaxcopol hole (Mexico). Int.J.Earth Sci., DOI: 10.1007/s00531-009-0472-y

V.ČERMÁK, J.ŠAFANDA and L.BODRI, 2009. Tidal modulation of temperature oscillation monitored in borehole Yaxcopol-1 (Yucatan, Mexico). Earth Planet.Sci.Letts., DOI: 10.1016/j.epsl.2009.03.009

J.ŠAFANDA, H.WILHELM, P.HEIDINGER and V.ČERMÁK, 2009. Interpretation and mathematical modeling of temporal changes of temperature observed in borehole Yaxcopol-1 within the Chicxulub impact structure, Mexico, J.Hydrology, 372, 9-16.

P.DĚDEČEK, D.RAJVER, V.ČERMÁK, J.ŠAFANDA and M.KREŠL, 2010. Thermal diffusivity from subsurface temperature monitoring data: Malence, Slovenia. Stud.geod.et geoph. (submitted)

V.ČERMÁK, P.DĚDEČEK, J.ŠAFANDA and M.KREŠL, 2010. Climate warming in the Czech Republic: Evidence stored in shallow subsurface. Chapter 11. In R.Przybylak et al. (Eds.), The Polish Climate in the European Context: An Historical Overview. Springer Verlag, p. 247-266. DOI 10.1007/978-90-481-3167-9_11.

V.ČERMÁK, J.ŠAFANDA and L.BODRI, 2010. Thermal instability of the fluid column in a borehole: application to the Yaxcopoil hole (Mexico). International Journal of Earth Sciences,2010, p.1437-1451.

J.KOZÁK and V.CERMAK, 2010. The Illustrated History of Natural Disasters. 1st Edition., Springer, 230 p. 129 illus., 92 in color. ISBN: 978-90-481-3324-6

I.T.KUKKONEN, V.RATH, L.KIVEKAS, J.SAFANDA and V.CERMAK, 2010. Geothermal studies studies of the Outokumpu Deep Drill Hole, Finland: Vertical variation in heat flow and palaeoclimatic implications. PEPI,

I.T.KUKKONEN, V.RATH, L.KIVEKAS, J.SAFANDA and V.CERMAK, 2011. Geothermal studies of the Outokumpu deep drill hole. In: I.T.Kukkonen (Ed.), Outokumpu Deep Drilling Project 2003-2010. Geol.Survey Finland, Special Paper 51, 181-198.