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References

- ÅKERBLOM G.V. – WILSON C. (1981): Radon gas – A radiation hazard from radioactive bedrock and building materials. – Bull. Int. Assoc. Engng. Geol., 23, 51–61.
- ÅKERBLOM G.V. – ANDERSON P. – CLAVENSÖ B. (1984): Soil gas radon – A source for indoor daughters. – Rad. Protect. Dosimetry, 7, 1–4, 49–54.
- BALE W.F. (1951): Hazards associated with Radon and Thoron. Memorandum to the files. March 14, 1951. – Health Phys., 38, 1062–1066.
- BARNET I. (1990a): Radon risk mapping in Czechoslovakia. In: BARNET I., Ed.: Radon investigations in Czechoslovakia, I, 19–23. – Czech Geol. Survey, Prague.
- BARNET I. (1990b): Radon risk mapping in Czechoslovakia. – Sbor. Envigeo Brno, ČSVTS Brno.
- BARNET I. (1992): Permeability and Rn-222 concentration in soil gas – case studies. In: BARNET I., Ed.: Radon investigation in the Czech Republic, 3, 20–23. – Czech Geol. Survey, Prague.
- BARNET I. (1994a): Radon risk classification for building purposes in the Czech Republic. In: BARNET I. – NEZNAL M., Eds: Radon investigation in the Czech Republic, 5, 18–24. – Czech Geol. Survey and RADON v.o.s., Prague.
- BARNET I. (1994b): Geological approach to radon problematics in the Czech Republic. – J. Czech Geol. Survey, 69, 4, 87–93. Praha.
- BARNET I. (1995a): Radon v geologickém podloží České republiky. – Radonová problematika v činnosti stavebních úřadů. – Min. hosp. Čes. republ. a Meziresort. radon. komise, 107–125. DO Jihlava.
- BARNET I. (1995b): The role of geology in the national radon programmes. – Bull. Sci. AIM, 3, 9–14. Univ. Liege.
- BARNET I. (1998): Radonová databáze – měření radonu v geologickém podloží. – Věst. Čes. geol. Úst., 73, 2, 133–136. Praha.
- BARNET I. (2005): Vztah radonu v podloží a vzdálenosti od zlomových struktur v České republice. Soil gas radon and proximity to faults systems in the Czech Republic. – Zpr. geol. Výzk. v Roce 2004, 116–119.
- BARNET I. – FOJTIKOVÁ I. (2006): Radonový index geologického podloží a jeho vliv na strategii vyhledávání rizikových objektů v České republice. Radon index of bedrock and its influence on strategy of detection of radon risk dwellings in the Czech Republic. – Zpr. geol. Výzk. v Roce 2005, 128–132, Praha.
- BARNET I. – FOJTIKOVÁ I. (2007): Soil gas radon, indoor radon and gamma dose rate in the Czech Republic – contribution to geostatistical methods for European Atlas of Natural Radiations. Proceedings of the 5th conference on Protection Against Radon at Home and at Work. – Faculty of Nuclear Science, Prague.
- BARNET I. – FOJTIKOVÁ I. – ZÍTOVÁ E. (2003): Vztah radonu v objektech a radonu v podloží na území středočeského plutonu – úvodní studie. Preliminary results of indoor – soil gas radon relationship in the area of Central Bohemian Pluton. – Zpr. geol. Výzk. v Roce 2003, Praha.
- BARNET I. – KULAJTA V. – MATOLÍN M. – VESELY V. (1990): A proposal of the radon risk classification of foundation soils. In: BARNET I., Ed.: Radon investigations in Czechoslovakia, 1, 24–28. – Czech Geol. Survey, Prague.
- BARNET I. – MIKŠOVÁ J. (1998): Radon database and radon risk map 1 : 500 000 of the Czech Republic. In: BARNET I. – NEZNAL M., Eds: Radon investigations in the Czech Republic VII and the fourth international workshop on the Geological Aspects of Radon Risk Mapping. – 142 p. Czech Geol. Survey, Prague.
- BARNET I. – MIKŠOVÁ J. (2001): The GIS approach to radon risk mapping in the Czech Republic. – Proc. of the 5th international conference on Rare Gas Geochemistry. Debrecen.
- BARNET I. – MIKŠOVÁ J. – FOJTIKOVÁ I. (2005): Indoor-soil gas relationship in the Central Bohemian Plutonic Complex. – Ann. Geophys., 48, 1, 93–99.
- BARNET I. – MIKŠOVÁ J. – KARENÁVÁ J. (2001): Geological background for radon risk mapping on a scale 1 : 50 000 in the Czech Republic. – Proc. of the Third Eurosymposium on Protection against Radon, Liege.
- BARNET I. – MIKŠOVÁ J. – PROCHÁZKA J. (1998): Mapa radonového rizika 1 : 500 000. Atlas map České republiky GEOČR 500. CD-ROM. – Czech Geol. Survey, Prague.
- BARNET I. – MIKŠOVÁ J. – TOMAS R. – KARENÁVÁ J. (2000): Radon risk mapping of the Czech Republic on a scale 1 : 50 000. In: BARNET I. – NEZNAL M., Eds: Radon

- Investigations in the Czech Republic VIII and the 5th International Workshop on the Geological Aspects of Radon Risk Mapping. – Czech Geol. Survey, Prague.
- BARNET I. – PACHEROVÁ P. – FOJTIKOVÁ I. (2006): Radon profile across the main granitoid bodies of the Bohemian Massif (Czech Republic). In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in the Czech Republic XI and the 8th international workshop on the Geological Aspects of Radon Risk Mapping, 21–28. – Czech Geol. Survey, Prague.
- BARNET I. – PACHEROVÁ P. – FOJTIKOVÁ I. (2008): Vliv geologické stavby na zvýšení hodnot radonu v objektech situovaných na nízkém radonovém indexu podloží. Influence of geology on enhanced indoor radon concentrations in dwellings situated on low radon index bedrock. – Zpr. geol. Výzk. v Roce 2007, Praha.
- BARNET I. – PACHEROVÁ P. – NEZNAL M. (2005): Radon mapping 1 : 50 000 in the Czech Republic. International Workshop Radon Data: Valorisation, Analysis and Mapping. – Univ. Lausanne, Switzerland. <http://www.bag.admin.ch/strahlen/ionisant/radon/generalites/d/workshop.php>
- BARNET I. – VESELÝ V. (1990): Regionální etapa výzkumu radonového rizika z geologického podloží. In: Sbor. Geológia a ochrana životného prostredia v ČSFR. – Slov. geol. úst., Bratislava, Čes. geol. úst., Praha.
- CHLUPÁČ I. et al. (2002): Geological History of the Czech Republic. – 436 p. Academia Prague (in Czech).
- CLIFF K.D. – HOLUB R.F. – KNUTSON E.O. – LETTNER H. – SOLOMON S.B. (1994): International intercomparison of measurements of radon and radon decay products, Badgastein, Austria, September 29–30, 1991. – Nat. Radiol. Protect. Board, Chilton, Didcot, Oxon.
- DAMKAER, A. – KORSBECH, U. (1992): A small-diameter probe for in-situ measurements of gas permeability of soils. – Rad. Protect. Dosimetry, 45, 1/4, 85–89.
- DEHANDSCHUTTER B. (2006): Detailed scale radon mapping in radon-prone municipalities using combined indoor and soil gas measurements. In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in the Czech Republic XI and the 8th international workshop on the Geological Aspects of Radon Risk Mapping, 79–87. – Czech Geol. Survey, Prague.
- DUBOIS G. (2005): An Overview of Radon Surveys in Europe. – Joint Research Centre EC, 167, European Communities.
- DUBOIS G. – BOSSEW P. – FRIEDMANN H. (2007): A geo-statistical autopsy of the Austrian indoor radon survey (1992–2002). – Sci. Total Env., 377, 2–3, 378–395. Elsevier.
- EDEL J.B. – SCHULMANN K. – HOLUB F.V. (2003): Anti-clockwise and clockwise rotations of the Eastern Variscides accommodated by dextral lithospheric wrenching: Palaeomagnetic and structural evidence. – J. Geol. Soc. (London), 160, 209–218.
- FINGER F. – GERDES A. – JANOUŠEK V. – RENÉ M. – RIEGIER G. (2007): Resolving the Variscan evolution of the Moldanubian sector of the Bohemian Massif: the significance of the Bavarian and the Moravo-
- Moldanubian tectonometamorphic phases. – J. Geosci., 52, 9–28. Prague.
- FRANKE W. (2000): The mid-European segment of the Variscides: tectonostratigraphic units, terrane boundaries and plate tectonic evolution. In: FRANKE W., Ed.: Orogenic Processes: Quantification and Modelling in the Variscan Belt. – Geol. Soc. London, Spec. Publ., 129, 21–34.
- FRANKE W. (2006): The Variscan orogen in Central Europe: construction and collapse. In: GEE D.G. – STEPHENSON R.A., Eds: European Lithosphere dynamics, 32, 333–343. – Geol. Soc. Mem. London.
- FRIEDMANN H. – GRÖLLER J. (2006): Radon mapping in Austria. In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in the Czech Republic XI and the 8th international workshop on the Geological Aspects of Radon Risk Mapping, 98–102. – Czech Geol. Survey, Prague.
- GARBESI K. – SEXTRO R. G. – FISK W.J. – MODERA M.P. – REVZAN K.L. (1993): Soil gas entry into an experimental basement: Model measurement comparisons and seasonal effects. – Env. Sci. Technol., 27, 3, 466–473.
- GRÄNZER J. (1901): Das sudetische Erdbeben vom 10. Jänner 1901. – Mitt. Vereines Naturfreunde Reichenberg, 32.
- GRÖLLER J. – FRIEDMANN H. (2007): Improving the Austrian Radon Potential Map by Bayes Statistics. In: MARTINČÍK L. – THINOVÁ J., Eds: 5th Conference on Protection Against Radon at Home and at Work, Faculty of Nuclear Sciences and Physical Engineering. – Czech Techn. Univ., Prague.
- HARLEY J.H. (1992): Measurement of ²²²Rn: A brief history. – Rad. Protect. Dosimetry, 45, 1/4, 13–18.
- HAVÍŘ J. (2002): Recent tectonic activity in the area northwards of Šternberk (Nízký Jeseník Mts.) – present knowledge. – Acta Montana, A, 20 (124), 97–104. Prague.
- HELEBRANDT J. (2007): Radon v geodynamicky aktivní oblasti Náchodská. Radon in geodynamically active area of Náchod. Diploma Thesis, Faculty of Natural Science. – Charles Univ., Prague.
- HŮLKA J. – THOMAS J. (2007): Přehled expozice obyvatelstva přírodnímu záření. – Bezpeč. jader. Energ., 15 (53), 3/4, 65–67. Praha.
- HULTQUIST H. (1956): Studies in naturally occurring ionizing radiation. – Kungl. Svenska Vetenskapsakad. Handlingar, 6/3, Almquist and Wiksell, Stockholm.
- HUTTER A.R. – KNUTSON E.O. (1998): An International intercomparison of soil gas radon and radon exhalation measurements. – Health Physics, 74, 108–114.
- JANOUŠEK V. – BOWES D.R. – ROGERS G. – FARROW C.M. – JELÍNEK E. (2000): Modelling Diverse Processes in the Petrogenesis of a Composite Batholith: the Central Bohemian Pluton, Central European Hercynides. – J. Petrology, 41, 4, 511–543. Oxford Univ. Press.
- KACHLÍK V. (2003): Geologický vývoj území České republiky. Doplněk k publikaci Příprava hlubinného úložiště radioaktivního odpadu a vyhořelého jaderného paliva. – St. úst. rad. objektů. Praha.

- KALVODA J. – BABEK O. – LEICHMANN J. – MELICHAR J. – NEHYBA S. – ŠPAČEK P. (2007): Brunovistulian terrane (Bohemian Massif, Central Europe) from late Proterozoic to late Paleozoic: a review. – *Int. J. Earth Sci. (Geol. Rdsch.)*.
- KAŠPAR J. – PROKOP P. – MATOLÍN M. (1993): FH-1, equipment for in situ permeability measurements. In: BARNET I., Ed.: Radon investigation in Czechoslovakia, 4, 4–8. – Czech Geol. Survey, Prague.
- KEMSKI J. – KLINGEL R. – SIEHL A. – STEGEMANN R. (2005): Radon transfer from ground to houses and prediction of indoor radon in Germany based on geological information. In: McLAUGHLIN J.P. – SIMOPOULOS S.E. – STEINHÄUSLER F., Eds: Radioactivity in the Environment, 7. – Natur. Rad. Env., 7, 820–832.
- KEMSKI J. – KLINGEL R. – SIEHL A. – VALDIVIA-MANCHEGO M. (2006): Radon risk prediction in Germany based on gridded geological maps and soil gas measurements. In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in the Czech Republic XI and the 8th international workshop on the Geological Aspects of Radon Risk Mapping, 139–156. – Czech Geol. Survey, Prague.
- KOOREVAAR P. – MENELIK G. – DIRKSEN C. (1983): Elements of soil physics. Developments in Soil Science 13. – 228 p., Elsevier Sci. Publ. B.V.
- KOVÁČ M. – PLAŠIENKA D. (2002): Geological structure of the Alpine-Carpathian-Pannonian junction and neighbouring slopes of the Bohemian Massif. – 84 p., Comenius Univ., Bratislava.
- KRYZA R. – MAZUR S. – OBERC-DZIEDZIC T. (2004): The Sudetic geological mosaic: Insights into the root of the Variscan orogen. – *Przegląd Geol.*, 52, 8/2, 761–773. Warszawa.
- KULAJTA V. – MATOLÍN M. – VESELÝ V. – BARNET I. (1990): A proposal of the Radon Risk Classification of Foundation Soils. In: BARNET I., Ed.: Radon investigations in Czechoslovakia, 1, 24–28. – Czech Geol. Survey, Prague.
- KURÁŽ V. – MATOUŠEK J. (1997): Water regime of reclamated dumps – Monitoring of soil moisture using dielectric method. In: Proceedings of the International Symposium on Soil Behaviour in Time and Space. – 67–70, Wien.
- LAUBE G. C. (1883): Das Erdbeben von Trautenau am 31. Jänner 1883. – *Jb. K.-kön. geol. Reichsanst.*, 33, H. II, Wien.
- MANOVÁ M. – MATOLÍN M. (1995): Radiometrická mapa České republiky 1 : 500 000. – Čes. geol. úst., Praha.
- MANOVÁ M. – MATOLÍN M. (1998): Radiometric map of the Czech Republic 1 : 500 000. In: ZOUBEK J. et al: Atlas map České republiky 1 : 500 000. GEOČR 500, CD-ROM. – Czech Geol. Survey, Prague.
- MATOLÍN M. – PROKOP P. (1991): Statistical significance of radon determination in soil air. In: BARNET I.: Radon investigations in Czechoslovakia, 2, 20–24. – Czech Geol. Survey, Prague.
- MATTE P.H. – MALUSKI H. – RAJLICH P. – FRANKE W. (1990): Terrane boundaries in the Bohemian Massif: Result of large-scale Variscan shearing. – *Tectonophysics*, 177, 151–170. Elsevier.
- MAZUR S. – ALEKSANDROWSKI P. – KRYZA R. – OBERC-DZIEDZIC T. (2006): The Variscan Orogen in Poland. – *Geol. Quart.*, 50, 1, 89–118. Warszawa.
- MIKŠOVÁ J. – BARNET I. (2002): Geological support to the National Radon Programme (Czech Republic). – *Bull. Czech Geol. Survey*, 77, 1, 13–22. Prague.
- MILES J.C.H. – APPLETION J.D. (2005): Mapping variations in radon potential both between and within geological units. – *J. Radiol. Protect.*, 25, 257–276.
- MILES J.C.H. – APPLETION J.D. – REES D.M. – GREEN B.M.R. – ADLAM K.A.M. – MYERS A.H. (2007): Indicative Atlas of Radon in England and Wales. – Health Protect. Agency and British Geol. Survey, HPA – RPD 033.
- MÍSAŘ Z. et al. (1983): Geologie ČSSR I, Český masív. – 333 p. St. pedag. nakl., Praha.
- NEZNAL M. – MATOLÍN M. – JUST G. – TUREK K. (2004b): Short-term temporal variations of soil gas radon concentration and comparison of measurement techniques. – *Rad. Protect. Dosimetry*, 72, 55–63.
- NEZNAL M. – NEZNAL M. (2002a): Determination of Soil Gas Radon Concentration in Low Permeable Soils. In: Book of Abstracts. – Seventh Int. Symp. Natur. Rad. Env., 319–320, Rhodes.
- NEZNAL M. – NEZNAL M. (2002b): Measurements of Radon Exhalation Rate from the Ground Surface: Can the Parameter Be Used for a Determination of Radon Potential of Soils? In: BARNET I. – NEZNAL M. – MIKŠOVÁ J., Eds: Radon investigations in Czechoslovakia, 9, 16–25. – Czech Geol. Survey, RADON v.o.s., Prague.
- NEZNAL M. – NEZNAL M. (2004): International inter-comparison measurement of soil gas radon concentration, of radon exhalation rate from building materials and of radon exhalation rate from the ground, In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in Czechoslovakia, 10, 12–22. – Czech Geol. Survey and RADON v.o.s, Prague.
- NEZNAL M. – NEZNAL M. (2006): Reliability of the new method for assessing the radon risk – gas permeability classification. In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in CR and the 8th international workshop on the Geological Aspects of Radon Risk Mapping, 11, 166–173. – Czech Geol. Survey, RADON v.o.s., JOINT RESEARCH CENTER IES REM Ispra, Prague.
- NEZNAL M. – NEZNAL M. – BARNET I. (1992): Comparison between Large Scale Radon Risk Mapping and Results of Detailed Radon Surveys. In: Proc. of the Conference I.A.I. Quality Standards for the Indoor Environment, Prague, 107–115. – Czech Geol. Survey, Prague.
- NEZNAL M. – NEZNAL M. – MATOLÍN M. – BARNET I. – MIKŠOVÁ J. (2004): The new method for assessing the radon risk of building sites. – *Czech Geol. Survey Spec. Pap.*, 16, 48 p. Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1991): Radon

- infiltration risk from the ground in Chabry, Prague. In: BARNET I., Ed.: Radon investigations in Czechoslovakia, 2, 34–39. – Czech Geol. Survey, Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1992a): Correlation between radon in soil gas and local geology – some remarks, In: BARNET I., Ed.: Radon investigations in Czechoslovakia, 3, 24–28. – Czech Geol. Survey, Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1992b): Temporal Variations od Soil Gas Radon Concentration, In: BARNET I., Ed.: Radon investigations in Czechoslovakia, 3, 6–12. – Czech Geol. Survey, Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1993): Testing of Radon Risk Maps Reliability, In: BARNET I., Ed.: Radon investigations in Czechoslovakia, 4, 12–17. – Czech Geol. Survey, Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1994a): Variability of Radon with Depth in Various Soil Profiles. In: BARNET I., Ed.: Radon investigations in Czechoslovakia, 5, 55–61. – Czech Geol. Survey, Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1994b): Evaluation of Soil gas Radon Concentration Data – Some Remarks. In: BARNET I. – NEZNAL M., Eds: Radon investigations in Czechoslovakia, 5, 37–41. – Czech Geol. Survey, RADON v.o.s., Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1995): Temporal Variability od Soil gas Radon Concentration Some Remarks. In: DUBOIS C., Ed.: Gas Geochemistry, 529–534. – Sci. Rev., Northwood.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1996): Comparison between Large Scale Radon Risk Maps and Results of Detailed Radon Surveys, In: BARNET I. – NEZNAL M., Eds: Radon investigations in Czechoslovakia, 6, 16–22. – Czech Geol. Survey, RADON v.o.s., Prague.
- NEZNAL M. – NEZNAL M. – ŠMARDA J. (1997): Intercomparison measurement of soil gas radon concentration. – Rad. Protect. Dosimetry, 72, 139–144.
- NEZNAL M. – PERNIČKA F. (1996): Temporal Changes of Soil gas Radon Concentration at a Test Site – Uranium Mill Tailings. In: BARNET I. – NEZNAL M., Eds: Radon investigations in Czechoslovakia, 6, 79–87. – Czech Geol. Survey, Prague.
- PACHEROVÁ P. (2004): Radon database – the statistical evaluation. In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in the Czech Republic X and the seventh international workshop on the Geological Aspects of Radon Risk Mapping. – 168 p. Czech Geol. Survey, Prague.
- PACHEROVÁ P. – BARNET I. – FOJTIKOVÁ I. (2005): Korelace koncentrací radonu v podloží a v objektech na území bývalých okresů Domažlice a Prachatice. Indoor and soil gas radon relationship in Domažlice district and Prachatice district. – Zpr. geol. Výzk. v Roce 2004, 124–126.
- PETERSELL V. – ÅKERRBLOM G. – EK B.M. – ENGEL M. – MÖTTUS V. – TÄHT K. (2005): Radon risk map of Estonia at a scale 1 : 500 000. – Geol. Survey of Estonia.
- PHARAOH T. C. (1999): Palaeozoic terranes and their lithospheric boundaries within the Trans-European Suture Zone (TESZ): a review. – Tectonophysics, 314, 17–41. Elsevier.
- PROCHÁZKA J. – BARNET I. – MIKSOVÁ J. (1998): Radon at the tectonic zones. In: BARNET I. – NEZNAL M., Eds: Radon investigations in the Czech Republic VII and the fourth international workshop on the Geological Aspects of Radon Risk Mapping. – 142 p. Czech Geol. Survey, Prague.
- REIMER G.M. (1990): Reconnaissance techniques for determining soil gas radon concentrations: An example from Prince Georges County, Maryland. – Geophys. Research Letters, 17, 6, 809–812.
- ROGERS V.C. – NIELSON K.K. (1991): Correlations for predicting air permeabilities and ^{222}Rn diffusion coefficients of soils. – Health Physics, 61, 2, p. 225.
- SCHECK M. – BAYER U. – OTTO V. – LAMARCHE J. – BANKA D. – PHARAOH T. (2002): The Elbe Fault System in North Central Europe – a basement controlled zone of crustal weakness. – Tectonophysics, 360, 281–299. Elsevier.
- SCHEIB C. – APPLETION D. – JONES D. – HODGKINSON E. (2006): Airborne uranium data in support of radon potential mapping in Derbyshire, Central England. In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in the Czech Republic XI and the 8th international workshop on the Geological Aspects of Radon Risk Mapping, 210–219. – Czech Geol. Survey, Prague.
- SCHENK V. – SCHENKOVÁ Z., Eds (2002): Recent geodynamics of the Sudety Mts. and adjacent areas. – Acta Montana, Sér. A, 20 (124).
- SCHENK V. – SCHENKOVÁ Z. – CACON S. – KONTNY B. – BOSY J. – KOTTKAUER P. (2003): To geodynamic interpretation of the GPS data Monitored at the East Sudeten network. – Acta Montana, 24 (131), 87–97.
- SCHEUVENS D. – ZULAUF G. (2000): Exhumation, strain localization, and emplacement of granitoids along the western part of the Central Bohemian shear zone (Bohemian Massif). – Int. J. Earth Sci., 89, 617–630.
- SUK M. et al. (1984): Geological history of the Czech Socialist Republic. – 396 p., Czech Geol. Survey, Prague.
- ŠEVC J. – TOMÁŠEK L. – KUNZ E. et al. (1993): A Survey of the Czechoslovak follow-up of lung cancer mortality in uranium miners. – Health Physics, 64, 355–369.
- ŠPAČEK P. – SÝKOROVÁ Z. – PAZDÍRKOVÁ J. – ŠVANCARA J. – HAVÍŘ J. (2006): The Trans-European Suture Zone (TESZ): a review. – Tectonophysics, 314, 17–41. Elsevier.
- TANNER A. B. (1988): A Tentative protocol for measurement of radon availability from the ground. – Rad. Protect. Dosimetry, 24, 1/4, 97–38.
- TANNER A. B. (1991): Error in measuring radon in soil gas by means of passive detectors. – Nuclear Geophysics, 5, 1/2, 25–30.
- TONDEUR F. (2006): Geostatistical mapping of indoor radon data with kriging using geological data. In: BARNET I. – NEZNAL M. – PACHEROVÁ P., Eds: Radon investigations in the Czech Republic XI and the 8th international workshop on the Geological Aspects of Radon Risk Mapping, 246–251. – Czech Geol. Survey, Prague.
- TUREK K. – BEDNÁŘ J. – NEZNAL M. (1997): Parallel track-

- etch detector arrangement for radon measurement in soil. – Rad. Measurements, 28, 1–6, 751–754.
- URBAN M. – SCHMITZ J. (1993): Radon and radon daughters metrology: Basic aspects. In: LOWDER W. M. et al., Ed.: Fifth International Symposium on the Natural Radiation Environment, Tutorial sessions. – Report EUR 14411 EN, 155–187.
- WOLDŘICH J. N. (1902): Všeobecná geologie se zvláštním zřetelem na Země Koruny české (První díl – Geologie fysiografická, Druhý díl – Geologie dynamická, Třetí díl – Geologie historická), 1902, 1905. – Nakl. F. Bačkovský, Praha.
- WORKING GROUP for regional geological classification of the Bohemian Massif at the former Czechoslovak Stratigraphic Commission (1994): Regional geological subdivision of the Bohemian massif on the territory of the Czech Republic. – J. Czech Geol. Soc., 39/1, 127–144. Prague.
- YANG T.F. (2007): Proceedings of the 9th International Conference on Gas Geochemistry ICGG 9, CD-ROM. – Nat. Taiwan Univ., Taipei, Taiwan.
- ZOUBEK, J. et al. (1998): Atlas map České republiky 1 : 500 000. GEOČR 500. CD-ROM. – Czech Geol. Survey, Prague.
- ZULAUF G. – BUES C. – DÖRR W. – VEJNAR Z. (2002): 10 km minimum throw along the West Bohemian shear zone: Evidence for dramatic crustal thickening and high topography in the Bohemian Massif (European Variscides). – Int. J. Earth Sci (Geol. Rdsch.), 91, 850–864.