

Príloha C**Publikačná činnosť organizácie (zoradená podľa kategórií)****ADCA Vedecké práce v zahraničných karentovaných časopisoch impaktovaných**

- ADCA01 AUBRECHT, Roman - LÁNCZOS, Tomáš - GREGOR, Miloš - SCHLÖGL, Ján - ŠMÍDA, Branislav - LIŠČÁK, Pavel - BREWER-CARÍAS, Charles - VLČEK, Lukáš. Sandstone caves on Venezuelan tepuis: Return to pseudokarst? In Geomorphology, 2011, vol. 132, no. 3-4, p. 351-365, doi: 10.1016/j.geomorph.2011.05.023. (2.352 - IF2010). (2011 - Current Contents). ISSN 0169-555X.
- ADCA02 AUBRECHT, Roman - SCHLÖGL, Ján. Jurassic submarine troglobites: is there any link to the recent submarine cave fauna? In Hydrobiologia, 2011, vol. 667, no. 1, p. [14] - DOI 10.1007/s10750-011-0687-3. (1.964 - IF2010). (2011 - Current Contents). ISSN 0018-8158.
- ADCA03 BEZÁK, Vladimír - BIELY, Anton - ELEČKO, Michal - KONEČNÝ, Vlastimil - POLÁK, Milan - POTFAJ, Michal. A new synthesis of the geological structure of Slovakia - the general geological map at 1:200 000 scale. In Geological Quarterly, 2011, vol. 55, no. 1, p. 1-8. (0.500 - IF2010). (2011 - Current Contents). ISSN 1641-7291.
- ADCA04 CARVALHO, Joao - RABEH, Taha - BIELIK, Miroslav - SZALAILOVÁ, Eva - TORRES, Luís - SILVA, Marisa - CARILHO, Fernando - MATIAS, Luís - MIRANDA, Jorge Miguel. Geophysical study of the Ota-VF Xira-Lisbon-Sesimbra fault zone and the lower Tagus Cenozoic basin. In Journal of Geophysics and Engineering, 2011, vol. 8, issue 3, p. 395-411. (0.805 - IF2010). (2011 - Current Contents). ISSN 1742-2132.
- ADCA05 JANIK, Tomasz - GRAD, Marek - GUTERCH, Alexander - VOZÁR, Jozef - BIELIK, Miroslav - VOZÁROVÁ, Anna - HEGEDÜS, Endre - KOVÁCS, Csaba Atilla - KOVÁCS, István - CELEBRATION 2000 WORKING GROUP. Crustal structure of the Western Carpathians and Pannonian Basin System: Seismic models from CELEBRATION 2000 data and geological implication. In Journal of Geodynamics, 2011, vol. 52, issue 2, p. 97-113. (1.197 - IF2010). (2011 - Current Contents). ISSN 0264-3707.
- ADCA06 JELENSKA, Maria - TÚNYI, Igor - AUBRECHT, Roman. Low-latitude Oxfordian position of the Oravic crustal segment (Pieniny Klippen Belt, Western Carpathians): Palaeogeographic implications. In Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, vol. 302, issue 3-4, p. 338-348, doi: 10.1016/j.palaeo.2011.01.021. (2.390 - IF2010). (2011 - Current Contents). ISSN 0031-0182.
- ADCA07 KARCOL, Roland. Gravitational attraction and potential of spherical shell with radially dependent density. In Studia Geophysica et Geodaetica, 2011, vol. 55, no. 1, p. 21-34. (1.123 - IF2010). (2011 - Current Contents). ISSN 0039-3169.
- ADCA08 MARSENIČ, Alexandra - ŠEVČÍK, Sebastián. Magnetic instability in a rotating layer at highly eccentric positions of the critical level. In Astronomische Nachrichten = Astronomical Notes, 2011, vol. 332, issue 5, p. 482-495. (0.842 - IF2010). (2011 - Current Contents, SCOPUS, NASA ADS). ISSN 0004-6337.
- ADCA09 MOCZO, Peter - KRISTEK, Jozef - GÁLIS, Martin - CHALJUB, Emmanuel - ETIENNE, Vincent. 3-D finite-difference, finite-element, discontinuous-Galerkin and spectral-element schemes analysed for their accuracy with respect to P-wave to S-wave speed ratio. In Geophysical Journal International, 2011, vol. 187, issue 3, p. 1645-1667. (2.411 - IF2010). (2011 - Current Contents). ISSN 0956-540X.

- ADCA10 PRUTKIN, Ilya - VAJDA, Peter - TENZER, Robert - BIELIK, Miroslav. 3D inversion of gravity data by separation of sources and the method of local corrections: Kolarovo gravity high case study. In *Journal of Applied Geophysics*, 2011, vol. 75, p. 472-478. (1.185 - IF2010). (2011 - Current Contents). ISSN 0926-9851.
- ADCA11 RABEH, Taha - MIRANDA, Jorge Miguel - HVOŽDARA, Milan. Strong earthquakes associated with high amplitude daily geomagnetic variations. In *Natural Hazards*, 2010, vol. 53, issue 3, p. 561-574. (1.217 - IF2009). (2010 - Current Contents). ISSN 0921-030X.
- ADCA12 TENZER, Robert - NOVÁK, Petr - VAJDA, Peter - ELLMANN, Artu - ABDALLA, Ahmed. Far-zone gravity field contributions corrected for the effect of topography by means of Molodensky's truncation coefficients. In *Studia Geophysica et Geodaetica*, 2011, vol. 55, no. 1, p. 55-71. (1.123 - IF2010). (2011 - Current Contents). ISSN 0039-3169.
- ADCA13 VALACH, Fridrich - REVALLO, Miloš - HEJDA, Pavel - BOCHNÍČEK, Josef. Predictions of SEP events by means of a linear filter and layer-recurrent neural network. In *Acta Astronautica*, 2011, vol. 69, issue 9-10, p. 758-766. (0.609 - IF2010). (2011 - Current Contents). ISSN 0094-5765.

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- ADDA01 KOVÁČ, Michal - HÓK, Jozef - MINÁR, Jozef - VOJTKO, Rastislav - BIELIK, Miroslav - PIPÍK, Radovan - RAKÚS, Miloš - KRÁL, Ján - ŠUJAN, Martin - KRÁLIKOVÁ, Silvia. Neogene and Quaternary development of the Turiec Basin and landscape in its catchment: a tentative mass balance model. In *Geologica Carpathica*, 2011, vol. 62, no. 4, p. 361-379. (0.909 - IF2010). (2011 - Current Contents). ISSN 1335-0552.
- ADDA02 VOJTKO, Rastislav - MARKO, František - PREUSSER, Frank - MADARÁS, Ján - KOVÁČOVÁ, Mariana. Evidence for late quaternary uplift along the Vikartovce fault (western carpathians, Slovakia). In *Geologica Carpathica*, 2010, vol. 62, no. 6, p.DOI: 10.2478/v10096-011-0040-9. (0.963 - IF2009). (2010 - Current Contents). ISSN 1335-0552.

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- ADEB01 KALININA, A. V. - AMMOSOV, Sergey M. - VOLKOV, Nikolay V. - VOLKOV, Viktor A - HÓK, Jozef - BRIMICH, Ladislav. Issledovanie strukturnych neodnorodnostej geologickej sredy v pole mikrosejsm v geodinamičeski aktivnyx regionach zapadnoj Slovakii = Structural heterogeneity investigation of geological environment in microseismic field in geodynamically active regions of western Slovakia. In *Inzhenernye izyskania*, p. 64-69. ISSN 1997-8650.
- ADEB02 SMETANOVÁ, Iveta - HOLÝ, Karol - BÖHM, Radoslav - MÜLLEROVÁ, Monika - OMELKA, Jozef - JURČÁK, Dalimír - BELLA, Pavel - ZELINKA, Ján - GAŽÍK, Peter. Kontinuálny monitoring radónu v jaskynnom a banskom prostredí [Continuous radon monitoring in cave and mine environments]. In *Bezpečnost jaderné energie = Bezpečnosť jadrovej energie*, 2011, vol. 19 [57], no. 9/10, p. 281-284. ISSN 1210-7085.
- ADEB03 VETCHFINSKII, Vladimír. S. - TÚNYI, Igor. Temperaturnaja pamjať navedennoj magnitnoj anizotropii. In *Izvestija vysších učebnych zavedeníj. Fizika*, 2011, no. 11, p. 1-5. ISSN 0021-3411.
- ADEB04 VETCHFINSKII, Vladimír. S. - TÚNYI, Igor. Fiziko-matematičeskije nauky i mechanika = Physicomathematical sciences and mechanics. In *Vestnik Rybinskoj*

gosudarstvennoj aviacionnoj technologučeskoj akademii imeni P. A. Solovjeva, 2011, vol. 19 no. 1, p. 152-160. ISSN 2073-8072.

ADFB Vedecké práce v domácich nekarentovaných časopisoch neimpaktovaných

- ADFB01 BEZÁK, Vladimír - VOZÁR, Ján - HVOŽDARA, Milan. Interpretation of the Tribec Mts. deep geological structure based on results of geophysical, mainly magnetotelluric modelling. In Contributions to Geophysics and Geodesy, 2011, vol. 41, no. 4, p. 297-306. (2011 - SCOPUS). ISSN 1335-2806. Dostupné na internete: <<http://versita.metapress.com/content/a57316n78482u2p8/fulltext.pdf>>.
- ADFB02 BRIMICH, Ladislav - CHARCO, Maria - KOHÚT, Igor - FERNÁNDEZ, Jose. 3D analytical and numerical modelling of the regional topography influence on the surface deformation due to underground heat source. In Contributions to Geophysics and Geodesy, 2011, vol. 41, no. 3, p. 251-165. (2011 - SCOPUS). ISSN 1335-2806. Dostupné na internete: <<http://versita.metapress.com/content/a18306663m475682/fulltext.pdf>>.
- ADFB03 BRIMICH, Ladislav - KHALIL, Ahmed - KORDÍK, Pavel - MEKKAWI, Mahmoud - EL-BOHOTY, Mohamed - REFAI, Mohamed Khalil - KADER, Abdou Khalaf Abdel. Active subsurface structures at Fayoum-Cairo district, Northern Western Desert, Egypt, as deduced from magnetic data. In Contributions to Geophysics and Geodesy, 2011, vol. 41, no. 4, p. 329-351. (2011 - SCOPUS). ISSN 1335-2806. Dostupné na internete: <http://www.sav.sk/journals/uploads/01031356Brimich-et-al_CGG-41-4_web.pdf>.
- ADFB04 BRIMICH, Ladislav. Study of the gravity field of the earth in Slovakia. In Contributions to Geophysics and Geodesy, 2011, vol. 41, special issue, p. 3-16. (2011 - SCOPUS). ISSN 1335-2806. Dostupné na internete: <<http://iahs.info/links-NR/pays/SK/SK-Melbourne-2011.pdf>>.
- ADFB05 EL-HEMALY, Ibrahim A. - ABDALLA, Ahmed Mohamed - TÚNYI, Igor - ORLICKÝ, Oto. Preliminary study of magnetic properties and magnetic mineralogy of the limestone samples from Egyptian Pyramids and Giza Pyramids Plateau. In Contributions to Geophysics and Geodesy, 2011, vol. 41, no. 2, p. 179-190. (2011 - SCOPUS). ISSN 1335-2806.
- ADFB06 HOVORKA, Dušan - KOHÚT, Igor. Slovenský "čínsky" múr: mýty a pokus o realitu. In Mineralia Slovaca, 2011, roč. 43, č. 1, s. 49-56. ISSN 0369-2086.
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- ADFB15 **Pohánka, Vladimír - Vajda, Peter - Bielik, Miroslav - Dérerová, Jana.** Robustness analysis in forward modelling gravity data in crustal/lithospheric studies. In Contributions to Geophysics and Geodesy, 2011, vol. 41, no. 4, p. 279-296. (2011 - SCOPUS). ISSN 1335-2806. Dostupné na internete: <<http://versita.metapress.com/content/k513422137877421/fulltext.pdf>>.
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- ADFB17 **Príbullová, Anna - Chmelík, Miroslav - Pečo, Jozef.** Dlhodobé zmeny teploty vzduchu v oblasti Tatier. In Životné prostredie : revue pre teóriu a starostlivosť o životné prostredie, 2011, roč. 45, č. 2, s. 71-77. ISSN 0044-4863.
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AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch (aj konferenčných), monografiách

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- AEC02 **Mačutek, Jozef - Zahradníček, Pavel - Bičárová, Svetlana - Štepánek, Pavel.** Homogenisation of precipitation data at peak mountain site Lomnický štít (1961-2010). In Bioclimate - source and limit of social development : proceedings of international scientific conference, 9th september 2011 [elektronický zdroj]. Eds.: B. Šiška, M. Hauptvogl, M. Eliášová. - Nitra : Slovak Agricultural University Nitra, 2011, [5] S. ISBN 978-80-552-0640-0. Názov z vytlačeného

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- AEC04 PAŠTEKA, Roman - KARCOL, Roland - PAŠIAKOVÁ, Mariana - PÁNISOVÁ, Jaroslava - KUŠNIRÁK, Dávid - BEREŠ, Ján. Depth estimation of microgravity anomalies sources by means of regularized downward continuation and Euler deconvolution. In Society of petroleum engineers - 73rd european association of geoscientists and engineers conference and exhibition 2011 - incorporating SPE EUROPEC 2011. Vol. 6. - Vienna : EAGE, 2011, p. 4109-4113. ISBN 978-161782966-6. Názov z CD-ROM.

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- AED02 SMETANOVÁ, Iveta - HOLÝ, Karol - JURČÁK, Dalimír - OMELKA, Jozef - ZELINKA, Ján. Radon monitoring in Domica cave, Slovakia - a preliminary results. In International show caves association 6th congress, Demänovská valley, 18-23 october 2011 (ISCA 6th proceedings) : proceedings. Editors: Pavel Bella, Peter Gažík, Lukáš Vlček. - Žilina : SNC of Slovak Republic, Slovak Caves Administration, 2011, p. 136-140. ISBN 978-80-89310-59-3.
- AED03 TÚNYI, Igor - KAPLÍKOVÁ, Adriana. Magnetická deklinácia a historické geologické a banské mapy. In Európsky význam slovenského baníctva v stredoveku a novoveku : zborník prednášok z medzinárodného sympózia konaného 8.10. 9. 2010 v Banskej Štiavnici. Editori Adriana Matejková, Miroslav Kamenický. - Banská Štiavnica : Slovenské banské múzeum, 2010, s. 128-130. ISBN 978-80-85579-45-1.
- AED04 TÚNYI, Igor - MAJCIN, Dušan. Magnetic polarity reversal. In 18th Conference of Slovak Physicists, 6.-9. 9. 2010, Matej Bel University, Banská Bystrica : proceedings. Editor M. Reiffers. - Košice : SFS, 2011, s. 37-38. ISBN 978-80-970625-0-7.

AEE Vedecké práce v zahraničných nerecenzovaných vedeckých zborníkoch (aj konferenčných), monografiách

- AEE01 BIČÁROVÁ, Svetlana - MAČUTEK, Jozef. Homogenizácia zrážkových údajov na vysokohorskej stanici Lomnický štít (1951-2007) pomocou testu AnClim. In Mikroklima a mezoklima krajinných struktur a antropogenných prostredí Skalní mlýn, 2.-4. února 2011 : mezinárodní konference [elektronický zdroj]. Editori: Hana Středová, Jaroslav Rožnovský, Tomáš Litschmann. - Brno : Ústav aplikované a krajinné ekologie v Brně, 2011, [12] S. ISBN 978-80-86690-87-2. Názov z hlavnej obrazovky.

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- AEF02 TÚNYI, Igor. Fyzikálne zákony a politika. In Fyzika a etika V : zborník monografických štúdií z konferencie s medzinárodnou účasťou, konanej na Univerzite Konštantína Filozofa v Nitre 28.-29. júna 2010. Poznanie, veda a spoločnosť. Editori: Ivana Miháliková, Ciprian Turčan. - Nitra : Univerzita Konštantína Filozofa v Nitre, 2011, s. 344-348. ISBN 978-80-8094-688-3.

AFG Abstrakty príspevkov zo zahraničných konferencií

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- AFG02 BEZÁK, Vladimír. Geologicko-náučná mapa Tatier. In Moníneč 2011 : 2. otevřený kongres České geologické společnosti a Slovenskej geologickej spoločnosti. - Praha : Česká geologická společnost, 2011, s. 19. ISBN 978-80-87487-00-6.
- AFG03 BEZÁK, Vladimír - KUCHARIČ, Ľudovít - KUBEŠ, Peter - VOZÁR, Ján. Tectonic conditional zones with an occurrence of deep magnetic anomalies. In 6th congress of the Balkan geophysical society, 3-6 october 2011 : conference proceedings & exhibitors' catalogue [elektronický zdroj]. - Budapest : EAGE, 2011, [1] S. ISBN 978-90-73834-16-3. Názov z dokumentu.
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[<http://www.iugg2011.com/pdf/IUGG2011_FinalEntireProgram.6June.pdf>](http://www.iugg2011.com/pdf/IUGG2011_FinalEntireProgram.6June.pdf).
- AFG05 BRESTENSKÝ, Jozef - ŠOLTIS, Tomáš. Physically realistic rayleigh number in rotating magnetoconvection models with anisotropic diffusive coefficients. Názov z vytačeného dokumentu. Dostupné na internete:
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- AFG06 BROSKA, Igor - MAJKA, Jarosław - PETRÍK, Igor - BEZÁK, Vladimír. Devonian/Mississipian I-type granite magmatism in the Western Carpathian. In Moníneč 2011 : 2. otevřený kongres České geologické společnosti a Slovenskej geologickej spoločnosti. - Praha : Česká geologická společnost, 2011, s. 21. ISBN 978-80-87487-00-6.
- AFG07 DOLINSKÝ, Peter - VALACH, Fridrich - VÁCZYOVÁ, Magdaléna. Accuracy of geomagnetic field distribution maps - a method demonstrated on geomagnetic ground survey of Slovakia for the 2007.5 epoch. In Programme and Abstracts : 5th MagNetE workshop on european geomagnetic repeat station survey 2009-2010. - Roma : Istituto Nazionale di Geofisica e Vulcanologia, 2011, p. [1].
- AFG08 HAVENITH, Hans-Balder - ABRAKHMATOV, Kanatbek - TORGEOF, Isakbek - ISCHUK, Anatoly - BYSTRICKÝ, Erik - CIPCIAR, Andrej. Earthquakes, landslides, dams and reservoirs in the Tien Shan, Central Asia. In Abstract book of the second world landslides forum, october 3-9, 2011. - Roma : ISPRA, 2011, p. 391. ISBN 978-88-448-0515-9.
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- AFG10 KRISTEK, Jozef - MOCZO, Peter - CHALJUB, Emmanuel - BARD, Pierre Yves - HOLLENDER, Fabrice - FRANEK, Peter - E2VP TEAM. Verification of the 3D numerical methods for modeling seismic motion - the case of the Mygdonian basin, Greece. In Geophysical Research Abstracts, 2011, vol. 13, p. EGU2011-5682. ISSN 1029-7006. Názov z CD-ROM.
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BAB Odborné monografie vydané v domácich vydavateľstvách

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