

**Conferință invitată/plenară/keynote prezentată la o manifestare științifică internațională
— 2014 —**

Chitea F., Geophysical applications, *2nd International Summer School “New geomatics technologies for investigations in geospatial phenomena” organized by University of Agronomic Sciences and Veterinary Medicine of Bucharest (USAMVB) & University of Bucharest (UB) - September 15 – 29, 2014*

Comunicări orale prezentate la o manifestare științifică internațională

Niculae L., Indirect assessment of river-torrential erosion by measuring the eroded volum case study: The Reghiu Stream, *Conferința Internațională: Aerul și apa, componente ale Mediului, Cluj-Napoca, March 21-23, 2014*

Demetrescu C., Stefan C., Dobrica V., External field noise in main field models at Earth's surface and at core/mantle boundary, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Demetrescu C., Stefan C., Dobrica V., Space climate. On geoeffective solar activity during Maunder and Dalton grand minima, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Dobrica V., Suteanu C., Stefan C., Pirloaga R., Demetrescu C., Geoeffective solar variability influence on Northern Hemisphere surface temperature, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Stefan C., Demetrescu C., Dobrica V., On the characteristics of a residual external signal seen in coefficients of main geomagnetic field models, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Greculeasa, R., Dobrica, V., Demetrescu, C., The disturbed geomagnetic field at European observatories. Sources and significance, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Maris Muntean, G., Besliu-Ionescu, D., Dobrica, V., Lacatus, D.A., Paraschiv, A.R., Fast Solar Wind and Geomagnetic Variability during the 24th Solar Cycle (2009 - 2013), *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Besliu-Ionescu, D., Lacatus, D.A., Paraschiv, A.R., Mierla, M., Geoeffective CMEs Associated with Seismically Active Flares, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Mares, I., Dobrica, V., Demetrescu, C., Mares, C., Moisture variability in the Danube lower basin: an analysis based on the Palmer drought indices and the solar/geomagnetic activity influence, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Besutiu L., Geophysical imprints of the geodynamic evolution of Moesia following the Black Sea opening: Geophysical Research Abstracts, Vol. 16, EGU2014-1008, 2014, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

Pomeran M., V. Manea, L. Besutiu, L. Zlagnean, Cyberdyn supercomputer - a tool for imaging geodynamic processes: Geophysical Research Abstracts, Vol. 16, EGU2014-2827, 2014, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*

- Haralambous, H., Vryonides, P., **Demetrescu, C., Dobrica, V., Maris Muntean, G., Ionescu, D.**, IRI STORM validation over Europe, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*
- Chitea F.**, Serban A., Ioane D., **Georgescu P.**, 2014, *Geoelectrical time-lapse analysis for improved interpretation of data in a contaminated area*, Geophysical Research Abstracts of European Geoscience Union General Assembly, Viena, 27th April-2 May.
- Popa R-G, Seghedi I**, Ntaflos T, Pecskey Z. Plagioclase and hornblende response to temperature and pressure induced variations in open magmatic systems. The example of Caraci Volcano, Apuseni Mts. Geophysical Research Abstracts, vol 16, EGU2014-12220, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*
- Stanica, D., Stanica, D.A.**, Pre-seismic electromagnetic anomalies induced by intermediate-depth earthquakes (Vrancea zone-Romania), *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*
- Stanica, D.A., Stanica, D., Vladimirescu, N.**, Long range pre-seismic geomagnetic effect related to M9 Great Tohoku earthquake on 11 March 2011, *European Geosciences Union General Assembly, Vienna, Austria, 27 April – 02 May 2014*
- Demetrescu C., Dobrica V.**, Georgieva K., Kirov B., Solar Signals in Long Time Series of the Danube Discharge Data, *The Sixth Workshop “Solar influences on the magnetosphere, ionosphere and atmosphere”, Sunny Beach, Bulgaria, 26-30 May 2014*
- Dobrica V., Demetrescu C., Stefan C., Pirloaga R.**, Effects of the Solar Variability on the North Temperate Climate, *The Sixth Workshop “Solar influences on the magnetosphere, ionosphere and atmosphere”, Sunny Beach, Bulgaria, 26-30 May 2014*
- Stefan C., Demetrescu C., Dobrica V.**, A Tentative Reconstruction of the Dst Index back to 1840, Based on Long Time-Span Models of the Core Magnetic Field, *The Sixth Workshop “Solar influences on the magnetosphere, ionosphere and atmosphere”, Sunny Beach, Bulgaria, 26-30 May 2014*
- Maris Muntean, G., Besliu-Ionescu, D.**, Georgieva, K., Kirov, B., Analysis of the Geomagnetic Activity during the SC 24 Maximum Phase, *The Sixth Workshop “Solar influences on the magnetosphere, ionosphere and atmosphere”, Sunny Beach, Bulgaria, May 26-30, 2014*
- Berbeleac, I.**, Udubasa, S.S., **Iatan, E.L., Visan, M.**, Geological and structural constraints on the localization of neogene porphyry-epithermal related Cu-Au (Mo), and epigenetic hydrothermal deposits/prospects from South Apuseni Mountains, Romania. *Al IX-lea Simpozion International de Geologie Economica, May 30-31, 2014*
- Besutiu L., L. Zlagnan, R. Focsaneanu**, Geophysical and geodetical insights on the geodynamic setting of the Galati-Izvoarele quake swarm, *Second International Conference on Natural And Anthropic Risks ICNAR2014, Bacau, ROMANIA, June 04-07, 2014*
- Bilal Essaid, **Iatan E.L.**, Doumas M., Bounakhla M., Guenole-Bilal Issam. The urban hazard, industrial waste containing several metals pollution sources of Loire River, France, *l'Ecole des mines d'Alès, Ales, France, Colloque E3D 2014 - 16 au 19 juin 2014*
- Chitea F.**, Ioane D., Serban A., Integrated methods for analyzing an area affected by oil and waste water pollution, *14th GeoConference on Science and Technology exploration and mining, Albena, Bulgaria, June 17-26, 2014.*
- Chitea F.**, Ioane D., Airinei I., Serban A., Dorobantu A., Geoelectrical methods applied for prospecting an area with geothermal potential, *14th GeoConference on Science and Technology exploration and mining. Albena, Bulgaria, June 17-26, 2014.*
- Besutiu L., L. Zlagnan, L. Atanasiu, R. Focsaneanu**, Geodynamic considerations on the unusual seismicity of SE Carpathians and related foreland, *5th Conference on Earthquake Engineering and 1st Conference on Earthquake Engineering and Seismology: Bucharest, Romania, June 19-20, 2014*

- Serban A., **Chitea F.**, Ioane D., Direct and indirect methods for assessing an oil polluted site, *14th International Balkan Workshop on Applied Physics, Constanta, Romania, July 2-4, 2014.*
- Serban A., Ioane D., **Chitea F.**, Soil chemical pollution reflected in groundwater electrical properties, *14th International Balkan Workshop on Applied Physics, Constanta, Romania, July 2-4, 2014.*
- Szakács A.**: Long-term evolution of composite volcanoes: A new perspective. Keynote presentation, *1st International Workshop on Volcano Geology Madeira (IAVCEI), July 7-11, 2014*
- Szakács A.**, Rus I., Pop O., Geomorphic consequences of volcano spreading. Examples from the East Carpathians, Romania. *1st International Workshop on Volcano Geology Madeira (IAVCEI), July 7-11, 2014*
- Demetrescu C., Stefan C., Dobrica V.**, 400 years of space climate information from long-term main geomagnetic field models, *11th Annual Asia Oceania Geosciences Society (AOGS) Assembly, Sapporo, Japan, 28 July – 01 August 2014*
- Dobrica, V., Pirloaga, R., Stefan, C., Demetrescu, C.**, Inferring geoeffective solar variability signature in stratospheric and tropospheric NH temperatures, *11th Annual Asia Oceania Geosciences Society (AOGS) Assembly, Sapporo, Japan, 28 July – 01 August 2014*
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- Mariş Muntean, G., Besliu-Ionescu, D., Mierla, M.**, Detailed analysis of two intense geomagnetic storms during solar cycle 24, *40th COSPAR Scientific Assembly, Moscova, Rusia, 2-10 August 2014*
- Panaiotu C., **Visan M.**, Necula, C., Paleosecular variation in the last 6 Ma recorded by lava flows from the East Carpathians (Romania), *4th Castle Meeting - New Trends on Paleo, Rock and Environmental Magnetism, August 31 - September 6, 2014*
- Chernyshev Igor V., Kovalenker Vladimir A., Chugaev Andrei, Damian Gheorghe, Damian Floarea, **Iatan L. E., Seghedi I.** New high-precision lead isotope analyses of galena from Romanian ore districts and a review. *The Eighth International Symposium On Economic Geology “Mineral Resources and the Environment in the Carpathian Area and its surroundings”, Brad, Romania; September 13th– 16th, 2014*
- Bilal Essaid, **Iatan E.-L.**, Bounahkla Moussa, Fernando Machado Mello, Marc Doumas, Issam Guenole-Bilal, Mounia Tahri, Frédéric Gallice, Didier Graillet, Herve Piegay. The metallic contamination impact on freshwater mussels Anodontes at the Saint-Victor-sur-Loire lake, France. *The Eighth International Symposium On Economic Geology “Mineral Resources and the Environment in the Carpathian Area and its surroundings”, Brad, Romania; September 13th– 16th, 2014*
- Chitea F.**, Ioane D., **Georgescu P.**, Serban A., Tolbes I., Tolbes C., Attenuation of oil pollution as observed by VES monitoring program. *20th European Meeting of Environmental and Engineering Geophysics Athens, Greece, September 14-18, 2014.*
- Ioane D., **Chitea F.**, Marunteanu M., Mezincescu M., Geophysical Detection of Underground Voids -Ocna Dej Salt Mine (Romania), *20th European Meeting of Environmental and Engineering Geophysics Athens, Greece, September 14-18, 2014.*
- Anghelache M.A.**, M.-E. Osiceanu, M. Bostenaru Dan, An Interdisciplinary Approach of the Seismic Risk Preparedness Strategy with Emphasis on Reduction of Built heritage and Human Vulnerability: Book of Abstracts, 4, *10th Edition of the Environmental Legislation, Safety Engineering and Disaster Management, ELSSEDIMA, International Conference, Cluj-Napoca, ROMANIA, September 18-19, 2014*
- Besutiu L., L. Zlagnean**, Infrastructure for monitoring geodynamic processes and related seismic hazard within SE Carpathians: Book of Abstracts, 17-18, *10th Edition of the*

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- Stanica, D.A., Stanica, D.**, Short-term EM precursors related to Vrancea $M \geq 5$ earthquakes, Poland, *EMSEV 2014 Meeting, September 22-26, 2014*
- Panaiotu, C., **Visan, M., Seghedi, I.**, Paleomagnetic constraints for the timing of volcanism from the Gurghiu, Harghita and Persani Mountains (East Carpathians) (<http://www.cbga2014.org>), *XX Congress of the Carpathian Balkan Geological Association Tirana, Albania, 24-26 September 2014*
- Seghedi I., Beșutiu L., Popa R.-G., Szakács A., Atanasiu L., Vișan M.** Investigation of explosive volcanic structures by combined geological and geophysical surveys of Na-alkalic basaltic field in the Perșani Mts., Romania, Special Issue vol.1, p 248, *XX Congress of the Carpathian Balkan Geological Association Tirana, Albania, 24-26 September 2014*.
- Szakács A., Seghedi I.**, Pecskay Z., **Mirea V., Popa R.G.** Time-space evolution and volcanological features of the Late Miocene-Quaternary Calimani-Gurghiu-Harghita volcanic range, East Carpathians, Romania. A review. *Bul. Shk. Gjeol. 1/2014 – Special Issue. Proceedings of XX CBGA Congress, Tirana, Albania, 24-26 September 2014, p. 249, XX Congress of the Carpathian-balkan Geological Association, Tirana. Albania. September 24-26, 2014*
- Gál A., Berkesi M., Vaczi T., **Szakács A.**, Molnar F. Fluid inclusion study and Raman spectroscopy of hydrothermal quartz from the Certej epithermal ore deposit, Apuseni Mts., Romania. *Bul. Shk. Gjeol. 1/2014 – Special Issue. Proceedings of XX CBGA Congress, Tirana, Albania, 24-26 September 2014, p. 152, XX Congress of the Carpathian-balkan Geological Association, Tirana. Albania. September 24-26, 2014*
- Baratu D-A, **Popa R-G.** Can a widespread lithofacies unit become a local geosite, if enhanced by cultural and historical values? Kliwa Sandstone formation, Buzau Land, Romania: A keeper of two stories. *Proceedings XX Congress of the Carpathian-Balkan Geological Association, Special Issue vol I/2014, 258, XX Congress of the Carpathian-balkan Geological Association, Tirana. Albania. September 24-26, 2014*
- Popa R-G,** Baratu D-A. *From rock to geosite: what can an ultra-distal volcanic fall-out tell us about the history of an Early Miocene paleobasin?* *Proceedings XX Congress of the Carpathian-Balkan Geological Association, Special Issue vol I/2014, 302, XX Congress of the Carpathian-balkan Geological Association, Tirana. Albania. September 24-26, 2014*
- Besliu-Ionescu, D.**, The Impulsive Sun: Flares and CMEs, *Seminar "Ionospheric research in Cyprus under quiet and disturbed geomagnetic conditions driven by space weather variability", Frederick University, Cipru, Nicosia, 3 November 2014*
- Maris Muntean, G.**, Solar wind and its hurricanes, *Seminar "Ionospheric research in Cyprus under quiet and disturbed geomagnetic conditions driven by space weather variability", Frederick University, Cipru, Nicosia, 3 November 2014*
- Dobrica, V.**, Geomagnetism. Monitoring geomagnetic activity, *Seminar "Ionospheric research in Cyprus under quiet and disturbed geomagnetic conditions driven by space weather variability", Frederick University, Cipru, Nicosia, 3 November 2014*
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- Maris Muntean, G., Besliu-Ionescu, D., Mierla, M.**, March 2013 ICMEs and their Geomagnetic Effects, *11th European Space Weather Week, Liege, Belgium, November 17-21, 2014*