

Laurentiu ASIMOPOLOS –LIST OF PAPERS

BOOKS :

1. **Asimopolos Laurentiu** – Aplicații ale metodei magnetotelurice în descifrarea structurii geologice profunde - Application of the Magnetotelluric Method for Establishing Geological Deep Structure – Editura Vergiliu – 2007 – ISBN 978-973-7600-37-1, 978-973-7600-37-0 Cod: 551.4, 550.8 , 146 pag.
2. **Asimopolos Laurentiu**, Niculici Eugen, Pestina Agata-Monica, Asimopolos Natalia-Silvia- Evaluarea câmpului geomagnetic prin metode statistice, spectrale si wavelet a datelor de observator – Editura Ars Docendi a Universitatii din Bucuresti -2012- ISBN: 978-973-558-574-7, 170 pag.
3. **Asimopolos Laurentiu**, Pestina Agata-Monica, Niculici Eugen, Asimopolos Natalia-Silvia - Analysis of data from Surlari National Geomagnetic Observatory – Editura Ars Docendi a Universitatii din Bucuresti -2012- ISBN: 978-973-558-588-4, 110 pag.

PH D THESIS:

1. **Asimopolos L.** – Contributions for Establishing Deep Structure on Pannono –Carpathian Geotransect through Magnetotelluric and Geomagnetic Sondings. –2002-Bucharest University – Geological and Geophysical Faculty (152 pag.), Coordonator: Prof. Paul Georgescu

BACHELOR PAPERS:

1. **Asimopolos L.** – Radiometric Methods for Establishing Density of Rocks –1984-Bucharest University – Geological and Geophysical Faculty (118 pag.), Coordonator: Prof. Mircea Pauca
2. **Asimopolos L.** –Gravity Field of the Earth – 1996 - Bucharest University – Faculty of Mathematics (144 pag.), Coordonator: Prof. Mihaila Ieronim

DISSERTATION PAPER:

1. **Asimopolos L.** - Analyzing the Dimensions of the Interdependencies between Critical Infrastructures in the Energy Sector and Information Technology and Telecommunications - June 2015 - "Mihai Viteazul" National Academy of Information (20 pag.), Coordinator: Conf. Dr. Ligia Ana Leaua.

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2. **Asimopolos, L.**, Niculici, E., Pestina, A.M., Asimopolos, N.S. - Comparisons of geomagnetic data measured in Romania with the data of International Geomagnetic Reference Field 11 (IGRF 11) - Surveying Geology & Mining Ecology Management, , ISSN 1314-2704, DOI: 10.5593/sgem2011, vol 2, pag 25-32, <https://sgemworld.at/sgemlib/spip.php?article179>

3. Asimopolos, N.S., Andrei, J., **Asimopolos, L.** – The gravity exploration in Romania - Surveying Geology & Mining Ecology Management, ISSN 1314-2704, DOI: 10.5593/sgem2011, vol 2 – pag 303 – 309, <http://sgem.org/sgemlib/spip.php?rubrique14>
4. Natalia-Silvia Asimopolos, **Laurențiu Asimopolos** - The importance of terrain corrections of gravity data in hydrological modeling, , SGEM2017 Vienna GREEN Conference Proceedings, Vol. 17, Issue 33, 363-370 pp; DOI: 10.5593/sgem2017H/33/S12.045, ISBN 978-619-7408-27-0 / ISSN 1314-2704, <https://sgemworld.at/sgemlib/spip.php?article11045>,
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6. Natalia-Silvia Asimopolos, **Laurențiu Asimopolos**, Study on the high-intensity geomagnetic storm from march 2015, based on terrestrial and satellite data, , 18th International Multidisciplinary Scientific GeoConference SGEM 2018, www.sgem.org, SGEM2018 Conference Proceedings, ISBN 978-619-7408-50-8 / ISSN 1314-2704, 02-08 July, 2018, Vol.18, Issue 6.1, 593-600 pp, DOI: 10.5593/sgem2018/6.1/S28.078, under evaluation ISI proceedings, <https://www.sgem.org/sgemlib/spip.php?article13037>
7. Natalia-Silvia Asimopolos, **Laurențiu Asimopolos**, Highlighting the deep tectonic elements of the eastern carpathians by analyzing the morphology of geoid, , 18th International Multidisciplinary Scientific GeoConference SGEM 2018, www.sgem.org, SGEM2018 Conference Proceedings, ISBN 978-619-7408-40-9 / ISSN 1314-2704, 02-08 July, 2018, Vol.18, Issue Issue 2.2, 821-828 pp , DOI: 10.5593/sgem2018/2.2/S09.104, under evaluation ISI proceedings , – <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=705>
8. **Laurențiu Asimopolos**, Natalia-Silvia Asimopolos, Methods of smoothing and filtering geological and geophysical data, , 18th International Multidisciplinary Scientific GeoConference SGEM 2018, www.sgem.org, SGEM2018 Conference Proceedings, ISBN 978-619-7408-35-5 / ISSN 1314-2704, 02-08 July, 2018, Vol.18, Issue 1.1, 237-244 pp, DOI: 10.5593/sgem2018/1.1/S01.031, under evaluation ISI proceedings, <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=31>
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10. **Laurentiu Asimopolos**, Natalia-Silvia Asimopolos, Adrian-Aristide Asimopolos , Suitable algorithms for pre-processing multi-parametric data as input data in 3D modelling software on the grid three dimensional, , XIX International Multidisciplinary Scientific GeoConference SGEM 2019, Conference proceedings Volume 19, Informatics, Geoinformatics and Remote Sensing, Issue 2.1, Geoinformatics, pp 1073-1080, ISBN 978-619-7408-

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14. **Laurentiu ASIMOPOLOS**, ASIMOPOLOS Natalia-Silvia , Consideration about infrastructure, device and physical principle in geomagnetic field metrology, , BIODIVEST - 20-22 septembrie 2018, Craiova, a XXV-a a Conferintei Stiintifice Internationale "MUZEUL SI CERCETAREA STIINTIFICA".published in Muzeul Olteniei Craiova. Oltenia. Studii și comunicări. Științele Naturii. Tom. 34, No. 1/2018 ISSN 1454-6914, p.27-34, indexed in Master Journal List.
15. **L.Asimopolos**, N.S. Asimopolos, Adrian Aristide Asimopolos, THE ROLE OF INTERDEPENDENCIES BETWEEN CRITICAL INFRASTRUCTURES IN RURAL DEVELOPMENT, International Conference on The rural development in the context of European competitiveness (RDCEC), Spiru Haret 2018, published in Annals of Spiru Haret University. Economic Series, ISSN: 2393-1795, ISSN-L : 2068-6900, vol 18, nr 2, pag 63-81, <https://doi.org/10.26458/1823>, <http://anale.spiruharet.ro/index.php/economics/article/view/1823>
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19. **ASIMOPOLOS Laurentiu**, ASIMOPOLOS Natalia-Silvia „Establishing the necessary conditions and format of data for optimal use of the iterative 3D modelling software.”- - BGS 2019 - DOI: 10.3997/2214-4609.201902629 , <http://earthdoc.org/publication/publicationdetails/?publication=99214>
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