



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Laurentiu ASIMOPOLOS**
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Nationality Romanian
Date of birth 11.10.1959, Bucharest
Gender Male

Work experience

Dates	04/2007 - Present
Occupation or position held	Senior Researcher degree II, Geophysical Research, 2007-present General Manager at Geological Institute of Romania (January-April 2015) Deputy President at Scientific Council (2012-2016) Head of Department of National Interest (Surlari National Geomagnetic Observatory, National Geological Museum), 2009-2011 Head of Surlari National Geomagnetic Observatory, 2007-2009, 2012-2014
Main activities and responsibilities	Geophysical Research (Geomagnetism, Electromagnetism, Gravity, Electric Methods, Applied Mathematics in Geophysics), Management of Department, Elaboration of Projects and Studies.
Name and address of employer	Geological Institute of Romania, Str. Caransebes, Nr. 1, RO-012271, Bucharest
Type of business or sector	National Institute of Geology, Geophysics, Geochemistry and Remote Sensing
Dates	12/2001 – 04/2007
Occupation or position held	Senior Researcher degree III, Head of Geodynamics Observatories.
Main activities and responsibilities	Geophysical and Geodynamic Research, Management of Geodynamics Observatories (Tulnici, Deva-Ursoiu-Craciunesti and Caldarusani), Elaboration of Projects and Studies.
Name and address of employer	Geodynamics Institute of Romanian Academy, Str. D. Gerota, Nr. 19-21, RO - 020027, Bucharest
Type of business or sector	Institute of Romanian Academy
Dates	10/2003 – 06/2005
Occupation or position held	Associate lecturer
Main activities and responsibilities	Geophysical Disciplines: Geoelectric methods and Electromagnetism – courses and seminars

Name and address of employer	Bucharest University, Faculty of Geology and Geophysics, Str. Traian Vuia, Nr. 6, RO – 020956, Bucharest
Type of business or sector	University
Dates	04/1990 – 12/2001
Occupation or position held	Senior Researcher degree III in Geoelectricity and Magnetotellurics Laboratory.
Main activities and responsibilities	Data Acquisition, Data Processing, Interpretation and Modelling of the Earth's Electromagnetic field, Numerical Analyses Methods and Software in Geophysics.
Name and address of employer	Geological Institute of Romania, Str. Caransebes, Nr. 1, RO-012271, Bucharest
Type of business or sector	National Institute of Geology, Geophysics, Geochemistry and Remote Sensing
Dates	09/1984 – 04/1990
Occupation or position held	Geophysicist Engineer, Head of Team in the Department of Electric Prospecting
Main activities and responsibilities	Management of the field team of the data acquisition, carrying out topography measurements, geoelectric field measurements using different methods and instruments, data processing, interpretation and modelling, reports and technical projects elaboration.
Name and address of employer	"PROSPECTIUNI SA", Str. Caransebes, Nr. 1, RO-012271, Bucharest
Type of business or sector	Company of Geological and Geophysical Prospecting
Education and training	
Dates	04/1995 → 03/2003
Title of qualification awarded	Ph. Doctor in Geology, Domain Geophysics
Principal subjects/occupational skills covered	Ph.D. Thesis: "Contributions at Estimation of the Deep Geological Structure on the Pannono-Carpathian Geotranssect by Magnetotelluric and Geomagnetic Soundings", with "Magna Cum Laude".
Name and type of organisation providing education and training	Bucharest University, Faculty of Geology and Geophysics, Str. Traian Vuia, Nr. 6, RO – 020956, Bucharest
Level in national or international classification	Doctoral studies
Dates	09/1990 → 06/1996
Title of qualification awarded	MSc of Mathematics Science
Principal subjects/occupational skills covered	Theoretical and Applied Mathematics (mathematical analysis, algebra, partial differential equations, geometry, operations research, numerical analysis), Theoretical Mechanics, Astronomy, Computer science and programming. Dissertation paper in Astronomy: "Gravity Field of the Earth"
Name and type of organisation providing education and training	Bucharest University, Faculty of Mathematics and Computer Science, Mathematics Department, Bd. Nicolae Balcescu, Nr. 1, RO – 010041, Bucharest
Level in national or international classification	University studies
Dates	09/1979 → 06/1984
Title of qualification awarded	MSc of Geology Science, Geophysicist Engineer
Principal subjects/occupational skills covered	Geology and Geophysics Science, Physics of the Earth. Dissertation paper in Radiometry: "Radiometric methods for establishing the rocks density"
Name and type of organisation providing education and training	Bucharest University, Faculty of Geology and Geophysics, Str. Traian Vuia, Nr. 6, RO – 020956, Bucharest

Level in national or international classification
Title of qualification awarded

University studies

Liaison Officer for National / European Critical Infrastructure Security,
conducted between 06.02-15.06.2015 (256 hours)

Course themes: Basic terminology in English in the field of Critical Infrastructure Protection, Systems theory applicable to critical infrastructure protection activities, The psychosocial dimension of critical infrastructure protection activities, Legislative and institutional framework for the protection of classified information, Legal, procedural, physical and INFOSEC protection of classified information managed in critical infrastructure protection activities, Industrial security in the field of critical infrastructure protection, Environmental protection standards for the operation of critical infrastructures, Health and Safety Management at Work, Legislative framework and implementation mechanisms for the protection of critical infrastructures at international, European and national level, Identification and designation of national and European critical infrastructures, Interdependence of critical infrastructures, Risk Management in Critical Infrastructure Protection, Resilience of Critical Infrastructures, Physical protection of critical infrastructure, Cyber Security of National Critical Infrastructures, Communication and Early Warning Mechanisms in Critical Infrastructure Protection Activities, Critical Infrastructure Operator Security Plan, The role and attributions of the liaison officer for critical infrastructure security in interinstitutional cooperation and representation, The role of intelligence in ensuring the protection of critical infrastructures, Other aspects of the role and importance of critical infrastructure protection activities and how they contribute to national security.

and 9.50 for the dissertation thesis.

"Mihai Viteazul" National Academy of Information

Name and type of organisation providing education and training

Level in national or international classification

Post University Course

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level (*)

Romanian

English

French

		Understanding		Speaking				Writing			
		Listening	Reading	Spoken interaction		Spoken production					
	English	B2	Independent user	B2	Independent user	B2	Independent user	B1	Independent user	B2	Independent user
	French	B1	Independent user	B1	Independent user	A2	Basic User	A2	Basic User	A2	Basic User

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Communications skill, good negotiation, character integrity, fairness, absolute confidentiality and honesty. Ability to work without inspection, under pressure, using initiative and self-motivation.

Strong multi-tasking skills and time management skills.

Organisational skills and competences

Management based on preliminary research of data and fairness in decision making

Technical skills and competences	Advanced in data processing, statistical, spectral and wavelet analysis of geophysical data, inversion modelling and interpretation of all geophysical information in geological terms. Good knowledge about theoretical and applied physics (mechanical and electromagnetic).
Computer skills and competences	Knowledge of computer science and advanced programming was developed at the university level and proven by applications in geosciences.
Driving licence	Category B.
Additional information	<ul style="list-style-type: none"> • Project evaluator, in the database of the European Commission (Brussels) Directorate Research, domain: Climate Change and Environmental Risks and subdomain: Natural Disaster (from 2010) • Project evaluator at National Research Program Unit, Research Promotion Foundation, Nicosia, Cyprus (from 2010), National Science Fund of Bulgaria (from 2009), NCBR Poland (2009-2017) and CNMP & CNCSIS Romania (from 2007) - Domains: Environment, Blue Gas, Earth Sciences. • Reviewer at „Chinese Journal of Geophysics” (from 2009) – Beijing, China, ISSN: 0001-5733 • Reviewer at “Journal of Civil Engineering and Architecture” (from 2011) – Libertyville, IL 60048, USA, ISSN: 1934-7359 • Responsible for the EPOS Infrastructure Program: "National Geomagnetic Observatory Surlari", "National Litoteca" and "GIS and Databases". • Referent to "Signal Processing" - ELESEVIER, ISSN: 0165-1684 (from October 2012 to present), (I was a referent to 37 papers). • Referent to "Acta Geophysica" - ISSN 1895-6572 (since August 2013-present), (I was a referent to 3 papers) • Member Editor and Referent to “Oltenia Studii și comunicări. Științele Naturii” Journal, ISSN 1454-6914 • Chairman at Conferences: SGEM, BGS, ENERGEN, RDCEC, etc.
Annexes	LIST OF PAPERS

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.

SELECTED PAPERS WITH REFERENCES (indexed Web of Sciences - ISI and ISI PROCEEDING):

1. **Asimopolos, L.**, Pestina A. M. , Asimopolos, N.S.– 2010 - Considerations on geomagnetic data analysis - Chinese Journal of Geophysics – 53 (3) , 765-772 pag., DOI:10.3969/j, issn: 0001.5733 , .2010.03-033, <http://html.rhhz.net/dqwlxb/2010-03-33.htm> .
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>,
5. **Laurențiu Asimopolos**, Natalia-Silvia Asimopolos - Multi-parametric and correlative studies of the hydrogeological processes, , SGEM2017 Vienna GREEN Conference Proceedings, Vol. 17, Issue 33, 283-290 pp; DOI: 10.5593/sgem2017H/33/S12.035, ISSN 1314-2704, <https://sgemworld.at/sgemlib/spip.php?article11002>
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>
9. Natalia-Silvia Asimopolos, **Laurențiu Asimopolos** , Determination of the associated pattern for geomagnetic perturbations, 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, 755-762 pp, DOI: 10.5593/sgem2018/1.1/S05.095, under evaluation ISI proceedings , <https://www.sgem.org/sgemlib/spip.php?page=recherche&recherche=asimopolos>
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-

79-9, ISSN 1314-2704, DOI: 10.539/sgem2019/2.1 , under evaluation ISI proceedings, <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=5461>

11. **Laurentiu Asimopolos**, Natalia-Silvia Asimopolos, Ioan Cociuba, Systematization and processing of geological and geophysical data in the part of North-West of Transylvanian Basin, XIX International Multidisciplinary Scientific GeoConference SGEM 2019, Conference proceedings Volume 19, Science and technologies in geology, exploration and mining, Issue 1.1, Geology, pp 561-568, ISBN 978-619-7408-76-8, ISSN 1314-2704, DOI: 10.539/sgem2019/1.1, under evaluation ISI proceedings, <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=4841>
12. Natalia-Silvia Asimopolos, Adrian-Aristide Asimopolos, **Laurentiu Asimopolos**, Considerations about procedures for processing and analysis of geomagnetic data recorded in observatory, , XIX International Multidisciplinary Scientific GeoConference SGEM 2019, Conference proceedings Volume 19, Nano, Bio and Green Technologies for sustainable Future, Issue 6.2, Space Technologies and planetary Science, pp 631-638, ISBN 978-619-7408-89-8, ISSN 1314-2704, DOI: 10.539/sgem2019/6.2, under evaluation ISI proceedings , <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=6567>
13. Natalia-Silvia Asimopolos, **Laurentiu Asimopolos**, Achieving an indexed quantifiable database of geological and geophysical parameters for the Baile Felix-Oradea study area, XIX International Multidisciplinary Scientific GeoConference SGEM 2019, Conference proceedings Volume 19, Science and technologies in geology, exploration and mining, Issue 1.1, Applied and Environmental Geophysics, pp 731-738, ISBN 978-619-7408-76-8, ISSN 1314-2704, DOI: 10.539/sgem2019/1.1, under evaluation ISI proceedings, <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=4863>

OTHER PAPERS (indexed International Data Base – SCOPUS, EARTHDOC, etc)

1. Bardan, V. , Zugravescu, D. , **Asimopolos, L.** - Spectral evaluation of microseismic signals - 68th EAGE Conference and Exhibition incorporating SPE EUROPEC 2006, DOI: 10.3997/2214-4609.201402234 , Review of 68-th EAGE - 6 pag. pdf file-1.15 MB- <http://www.earthdoc.org/publication/publicationdetails/?publication=283>), – 2007
 2. *Bardan, V., Zugravescu, D., **Asimopolos, L.**, – 2005 - Algorithms for numerical evaluation of spectra in microseismic survey , Suppl. Journ. Balkan Geophysical Society, 8, ISSN 1302 – 1672, pdf file – 526,8 KB - <http://www.earthdoc.org/publication/publicationdetails/?publication=6327>).*
 3. **Laurentiu Asimopolos** and Agata Monica Pestina - Temporal, spectral and wavelet analysis applied for geomagnetic data, , Proceedings of the 9th SEGJ International Symposium, Sapporo, Japan, 12-14 October 2009: pp. 1-4.print ISBN: 978-4-938493-06-6 doi: 10.1190/segj092009-001.37 <https://doi.org/10.1190/segj092009-001.37>
- Digital Library Home ,Browse SEG eBooks

4. **Asimopolos, L.**, Cristea, P., Vajdea, A.M., Asimopolos, N.S., Pestina A. M – 2009 – Environmental activity in Geological Institute of Romania – Proceedings of the 9th SEGJ International Symposium- Imaging and Interpretation- Sapporo, Japan (poster and extended abstract).
5. **L. Asimopolos**, N.S. Asimopolos - The impact of geomagnetic storms for the energy sector, , 8th Congress of the Balkan Geophysical Society – Chania, Crete, 4-8 October, 2015, Nr. 27214g, <http://www.earthdoc.org/publication/publicationdetails/?publication=82885>
6. Bardan, V., Zugravescu, D., **Asimopolos, L.**, – 2005.- Algorithms for numerical evaluation of spectra in microseismic survey ,4th Congress of the Balkan Geophysical Society, Suppl. Journ. Balkan Geophysical Society, 8, ISSN 1302 – 1672, pdf file – 526,8 KB - www.earthdoc.org),
7. Nistor H., Furnica C., **Asimopolos L.** – 1996- Study on electric and magnetic polarization by MT data using electromagnetic wave polarization (poster and extended abstract) – Book of abstracts – First Congress of the Balkan Geophysical Society –p.360-361 ,8
8. **Asimopolos L.**, Furnica C., Nistor H. – 1996- Methods of solving the inverse problem in magnetotellurics - 1996 – (presentation and extended abstract) – Book of abstracts (p.188-189) – First Congress of the Balkan Geophysical Society (Athens, Greece) ;7.
9. Natalia-Silvia Asimopolos, **Laurențiu Asimopolos** - Separation Between Geoid And Quasigeoid In Romania, , 9th Congress of the Balkan Geophysical Society, Organisations: BGS, EAGE, 5-9 November 2017, Antalya, Turkey, DOI: 10.3997/2214-4609.201702624 , Organisations: BGS, EAGE, <http://www.earthdoc.org/publication/publicationdetails/?publication=90700>
10. **Laurențiu Asimopolos**, Natalia-Silvia Asimopolos - Filtering Gravity Data Through Polinomial Trend Surfaces, , 9th Congress of the Balkan Geophysical Society, Organisations: BGS, EAGE, , 5-9 , November 2017, Antalya, Turkey, <http://www.earthdoc.org/publication/publicationdetails/?publication=90701>
11. Natalia-Silvia Asimopolos, **Laurențiu Asimopolos** - The effects of terrain corections on gravity data, , BIODIVEST 2017, The International Conference “The Museum and Scientific Research” organized by The Department of Natural Sciences of The Museum of Oltenia Craiova, 7-9 September 2017, “Oltenia Studii și comunicări. Științele Naturii”. Tom. volumul XXXIII , cod C.N.C.S.I.S – 703, indexate ISI. (<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=oltenia>) , No. 1/2017 ISSN 1454-6914, pag 33-38, http://biozoojournals.ro/oscsn/cont/33_1/oscsn_v33n1_art-04_Asimopolos.pdf
12. Natalia-Silvia Asimopolos, **Laurențiu Asimopolos** - Separation of gravimetric anomalies with different degrees of regionality, , BIODIVEST 2017, The International Conference “The Museum and Scientific Research” organized by The Department of Natural Sciences of The Museum of Oltenia Craiova, 7-9 September 2017, “Oltenia Studii și comunicări. Științele Naturii”. Tom. volumul XXXIII , cod C.N.C.S.I.S – 703, indexate ISI. (<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=oltenia>). No. 2/2017 ISSN 1454-6914, pag 27-34, http://biozoojournals.ro/oscsn/cont/33_2/oscsn_v33n2_art-04_Asimopolos.pdf.

13. N.S. Asimopolos, **L.Asimopolos** , Evaluation of electromagnetic field variations from monitored data in planetary observatoires, 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. 2/2018 ISSN 1454-6914, p 37-44., indexed in Master Journal List.
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>
16. Natalia-Silvia Asimopolos, **Laurentiu Asimopolos**, STUDY ON GEOTHERMAL ENERGY ON ROMANIAN TERRITORY, , The 22nd Conference "New Cryogenic and Isotope Technologies for Energy and Environment" EnergEn 2018, October 24-26, 2018 - Băile Govora, Romania ;published in Progress of Cryogenics and Isotopes Separation ,Volume 21, issue 2/2018, ISSN: 1582-2575, pag.43-48 <http://www.icsi.ro/conference>, <https://scholar.google.ro/citations?user=ikDQgP4AAAAJ&hl=ro>
17. **Laurentiu Asimopolos**, Natalia-Silvia Asimopolos, Violeta-Carolina Niculescu, Adrian Aristide Asimopolos , REMARKS ON THE THERMAL PROPERTIES OF ROCKS AND THE TREATMENT OF GEOTHERMAL WATERS, - The 22nd Conference "New Cryogenic and Isotope Technologies for Energy and Environment" EnergEn 2018, October 24-26, 2018 - Băile Govora, Romania; ; Remarks on the Thermal Properties of Rocks and the Treatment of Geothermal Waters, Progress of Cryogenics and Isotopes Separation, Volume 21, issue 2/2018, ISSN: 1582-2575, pag.67-72, <http://www.icsi.ro/conference>, <https://scholar.google.ro/citations?user=ikDQgP4AAAAJ&hl=ro>
18. ASIMOPOLOS Natalia-Silvia , **ASIMOPOLOS Laurentiu** , Processing and interpretation of geological and geophysical data for establishing the geothermal resources - BGS 2019-DOI: 10.3997/2214-4609.201902618, <http://earthdoc.org/publication/publicationdetails/?publication=99203>
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>
20. **Laurentiu Asimopolos**, Natalia-Silvia Asimopolos , and Adrian-Aristide Asimopolos, Numerical developments about variability of multi-dimensional correlation factor between geophysical parameters, , Geophysical Research Abstracts, Vol. 21, EGU2019-9032, 2019, EGU General Assembly 2019", <https://meetingorganizer.copernicus.org/EGU2019/EGU2019-9032.pdf>

21. Natalia-Silvia Asimopolos , **Laurentiu Asimopolos** , and Adrian-Aristide Asimopolos , Spectral analysis tools for identifying the geomagnetic field pattern, , Geophysical Research Abstracts , Vol. 21, EGU2019-9306, 2019, EGU General Assembly 2019, <https://meetingorganizer.copernicus.org/EGU2019/EGU2019-9306.pdf>
22. Natalia-Silvia ASIMOPOLOS, Adrian Aristide ASIMOPOLOS, **Laurentiu ASIMOPOLOS**, Statistical and spectral tools for analysing of disturbance of geomagnetic field, GEOLINKS, International Conference on Geo Sciences, published in Geolinks Conference proceedings, book 1, vol 1, ISSN 2603-5472, ISBN 978-619-7495-02-7, DOI 10.32008/Geolinks2019/B1/V1/08, p. 73-82, https://issuu.com/geolinks5/docs/20190311_book_g1
23. Natalia-Silvia ASIMOPOLOS, **Laurentiu ASIMOPOLOS**, Bogdan BALEA, Adrian Aristide ASIMOPOLOS , Characterization of the geomagnetic field by analyzing the data recorded at the Surlari Geomagnetic Observatory, , GEOLINKS, International Conference on Geo Sciences, published in Geolinks Conference proceedings, book 1, vol 1, ISSN 2603-5472, ISBN 978-619-7495-02-7, DOI 10.32008/Geolinks2019/B1/V1/01, p. 9-17, https://issuu.com/geolinks5/docs/20190311_book_g1
24. Bardan, V. , Zugravescu, D. , **Asimopolos, L.** – 2007 - On spectral evaluation of microseismic signals - Rev. Roum. de Geophysique (ISSN-1220-5303), tom 51, 35-41.
25. Bardan, V., Zugravescu, D., **Asimopolos, L.**, – 2006 – Metoda de cercetare a subsolului cu ajutorul microseismelor in vederea descifrării unor obiecte geologice. / Sounding microseismic method and its application for deciphering geological objects. – tomul 44, Studii si Cercetari de Geofizica.(ISSN-1220-5265). –(23 pag.)
26. Zugravescu D, Stanica D., **Asimopolos L**, Popescu M. -2004- Experimental Studies about electrical sensors has made in Institute of Geodynamics - Studii si Cercetari de Geofizica.(ISSN-1220-5265), tom 42, pag. 73-88.
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