

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Laurentiu ASIMOPOLOS**
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E-mail laurentiu.asimopolos@igr.ro, asimopolos@gmail.com
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. Disertation 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. Disertation 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			
B2	Independent user	B2	Independent user	B2	Independent user	B1	Independent user	B2	Independent user
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

- 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 35 papers).
- Referent to "Acta Geophysica" - ISSN 1895-6572 (since August 2013-present), (I was a referent to 3 papers).

Projects

- ✓ URMA - The Multi-layer Geohazards Information System Concept for Urban Areas (urban risk mapping); (01.11.2015 - 31.10.2017); Contract No. 4000115380/15 / I-NB; Val. Project: EUR 46,033.34 <http://ceospacetech.pub.ro/index.php/research/projects-ongoing/URMA>
- ✓ AI-COSTSQO (April 2019-December 2024) - Artificial Intelligence and Combined Survey Techniques for Stone Quarries Optimization - ERA MIN III, nr. Contract 305 / 2021 with UEFCD, Budget for IGR 60,000 EUR, <http://ai-costsqo-project.com/>
- ✓ PN 16 06 04 05 “Gravimetric and geodetic studies, based on satellite data and published terrestrial data, on the geological structure of the Romanian territory” (2016-2017); Contract 44 N / 2016, Budget: 138000 lei
- ✓ PN21 09 05 02 - Statistical and spectral studies of geomagnetic data monitored Surlari National Geomagnetic Observatory (OGNS) - 2010-2015
- ✓ PN21 09 05 05 - Computerization of the geophysical database - 2010-2015
- ✓ PN 09 21 03 07 - Study of the characteristics of the magneto-recording environment in areas with coal deposits, based on the paleo-rock-magnetic properties of the Pliocene deposits in the western Dacian Basin (2013-2015)
- ✓ PN 16 06 04 06 “Corroboration of the results obtained by electromagnetic methods with the existing geophysical information, as well as the realization of interpretative models for the deep geological structures.” (2016-2017); Contract 44N / 2016; project value: 138,000 lei
- ✓ PN 16 06 04 07 Geological models of the lithospheric mantle for the geodynamically active areas on the Romanian territory made on the basis of geophysical, petrophysical, geochemical and petrological data (2016-2017); contract 44N / 2016, Val. Project: 138,000 lei PN 16 06 05 01 - Geophysical, geochemical, remote sensing and auxiliary data in GIS format for the IGR portal (2016-2017)
- ✓ PN18 47 02 01 - Metallogeny of the Carpathian areas in Romania: metallogenic and potentially metallogenic models - 2018
- ✓ PN-III-P1-1.2-PCCDI-2017-0266, on progr. 2 (SWE) - Institutional capacities and services for research, monitoring and forecasting of risks in outer space - acronym SAFESPACE. Contract no.16 PCCDI / 2018; Total wave Project: 5287500 lei of which for IGR: 379000 lei; (01.03.2018-1.06.2021)
- ✓ PN 19-45-03-01 - Realization of 3D geological / geophysical models for the characterization of some areas of economic and scientific interest in Romania (2019-2022) Project wave 2500000 lei; contract 28N / 2019
- ✓ PN: 23 39 04 02, Evaluation of the impact of anthropogenic activities on the soils of the Sureanu Mountains (2023-2026)
- ✓ PN 23 39 04 01 - Geomagnetism, a modern tool in space weather forecasting and in the rapid reaction to associated natural hazards for the protection of critical infrastructures and the security of national air traffic (2023-2026)

Annexes LIST OF PAPERS

Laurentiu ASIMOPOLOS –LIST OF PAPERS

BOOKS :

1. **Asimopoulos Laurentiu** – Aplicații ale metodei magnetotelurice în descifrarea structurii geologice profunde - Aplicacion 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.
4. **L. Asimopolos**, A.A. Asimopolos, N.S. Asimopolos , Dependency of the critical infrastructures from energy sector on geomagnetic storms and electrical properties of the geological basement , , published in Space Infrastructures: From Risk to Resilience Governance book (pp 430), NATO Science for Peace and Security Series - D: Information and Communication Security, - vol 57, pp 197-212, ISBN print 978-1-64368-072-9 , 978-1-64368-073-6 ISBN online , DOI : 10.3233/NICSP200021

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.

ARTICLES IN ISI THOMSON REUTERS QUOTED JOURNALS AND ISI PROCEEDING INDEXED VOLUMES

1. **Asimopolos, L.**, Pestina A. M. , Asimopolos, N.S.– 2010 - Considerations on geomagnetic data analysis - *Chinese Journal of Geophysics* – 53 (3) , 765-772 pag., (**Impact Factor: 0.832**). AIS= 0.129, DOI:10.3969/j. ISSN: 0001.5733 , .2010.03-033. <http://manu16.magtech.com.cn/geophy/CN/abstract/abstract1319.shtml> **Citations 3 ISI, and 9 BDI**
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) – *APPLIED AND ENVIRONMENTAL GEOPHYSICS / Papers SGEM2011* , ISSN 1314-2704, DOI: 10.5593/sgem2011, vol 2, pag 25-32, **is indexed by Thomson Reuters, ISI Web of Science, ISI Web of Knowledge**, ELSEVIER, SCOPUS, EBSCOHost, ProQuest, Springer Nature., <https://sgemworld.at/sgemlib/spip.php?article179>
3. Asimopolos, N.S., Andrei, J., **Asimopolos, L.** – The gravity exploration in Romania - ISI proceeding , *GEODESY AND MINE SURVEYING / Papers SGEM2011*, ISSN 1314-2704, DOI: 10.5593/sgem2011, vol 2 – pag 303 – 309, **is indexed by Thomson Reuters, ISI Web of Science, ISI Web of Knowledge**, ELSEVIER, SCOPUS, EBSCOHost, ProQuest, Springer Nature., <https://sgemworld.at/sgemlib/spip.php?article216>
4. Stephano Bondua, Andre Monteiro Ken, Massimiliano Pilone, **Laurentiu Asimopolos**, Natalia-Silvia Asimopolos, 2024, A Set of Ground Penetrating Radar Measures from Quarries, MDPI, Journals Data, Volume 9, Issue 3, DOI: 10.3390/data9030042, open , acces , ISSN: 2306-5729 , <https://www.mdpi.com/2306-5729/9/3/42>
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, *EAGE Conference Proceedings*, 8th Congress of the Balkan Geophysical Society, Oct 2015, Volume 2015, p.1 - 5 , DOI: <https://doi.org/10.3997/2214-4609.201414176>
6. 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, *Studii și comunicări. Științele Naturii*. Tom. 33, No. 1/2017 ISSN 1454-6914, indexed in Master Journal List, pag 33-38, <http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=oltenia> - CNCSIS (The National University Research Council, Romania) – „B+” category , http://biozoojournals.ro/oscsn/cont/33_1/oscsn_v33n1_art-04_Asimopolos.pdf
7. 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, *Studii și comunicări. Științele Naturii*. Tom. 33, No. 2/2017 ISSN 1454-6914, pag 27-34, indexed in Master Journal List, <http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=oltenia> - CNCSIS (The National University Research Council, Romania) – „B+” category http://biozoojournals.ro/oscsn/cont/33_2/oscsn_v33n2_art-04_Asimopolos.pdf
8. 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, *Conference Proceedings*, 9th Congress of the Balkan Geophysical Society, Nov 2017, Volume 2017, p.1 - 5, DOI: <https://doi.org/10.3997/2214-4609.201702624>
9. **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, DOI: <https://doi.org/10.3997/2214-4609.201702625>
10. 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 Conferinței 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. <http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=oltenia> - CNCSIS (The National University Research Council, Romania) – „B+” category
11. **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 Conferinței 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. <http://science.thomsonreuters.com/cgi-bin/jrnst/jlresults.cgi?PC=MASTER&Word=oltenia> – CNCSIS (The National University Research Council, Romania) – „B+” category

12. **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>, , [WorlWideScience.org](http://www.worlwide-science.org), **Citations 1 ISI, and 2 BDI**
13. 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 , CNCSIS quote 619, Cat C, Abstracting and indexing in:Contemporary Science Association (CSA), EBSCO, Ulrich's Periodicals Directory, National Institute of Scientific Information (INIS), <http://www.icsi.ro/conference>, <https://scholar.google.ro/citations?user=ikDQgP4AAAAAJ&hl=ro>
14. **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; *Progress of Cryogenics and Isotopes Separation*, Volume 21, issue 2/2018, ISSN: 1582-2575, pag.67-72, CNCSIS quote 619, Cat C, Abstracting and indexing in:Contemporary Science Association (CSA), EBSCO, Ulrich's Periodicals Directory, National Institute of Scientific Information (INIS) , <http://www.icsi.ro/conference>, <https://scholar.google.ro/citations?user=ikDQgP4AAAAAJ&hl=ro>
15. Asimopolos Natalia-Silvia, **Asimopolos Laurentiu**, Methodology elaboration for processing older geophysical data as input in 3d geomodeller software within the same three-dimensional grid - - BIODIVEST 2019 (septembrie 2019), Muzeul Olteniei Craiova. Oltenia. *Studii și comunicări. Științele Naturii*. Tom. 35, No. 2/2019, ISSN 1454-6914, indexed in Master Journal List. <http://science.thomsonreuters.com/cgi-bin/jrnst/jlresults.cgi?PC=MASTER&Word=oltenia> - CNCSIS (The National University Research Council, Romania) – „B+” category http://olteniastudiisicomunicaristiintelenaturii.ro/cont/35_2/I.%20GEOLOGY/6.%20Asimopolos%20Geol..pdf
16. **Asimopolos Laurentiu**, Asimopolos Adrian-Aristide, Asimopolos Natalia-Silvia, The development of data processing tools that allows to extract more information about geomagnetic storms- - BIODIVEST 2019 (septembrie 2019), Muzeul Olteniei Craiova. Oltenia. *Studii și comunicări. Științele Naturii*. Tom. 35, No. 1/2019, ISSN 1454-6914, indexed in Master Journal List. <http://science.thomsonreuters.com/cgi-bin/jrnst/jlresults.cgi?PC=MASTER&Word=oltenia> - CNCSIS (The National University Research Council, Romania) – „B+” category , http://olteniastudiisicomunicaristiintelenaturii.ro/cont/35_1/I.%20GEOLOGY/7.%20Asimopolos%20et%20al.%20Geol..pdf
17. Asimopolos Natalia-Silvia , **Asimopolos Laurentiu** , "Processing and interpretation of geological and geophysical data for establishing the geothermal resources.-, - BGS 2019-10th Congress of Balkan Geophysical Society, 18-22 September 2019, Albena Resort, Bulgaria, EAGE, Conference Proceedings, 10th Congress of the Balkan Geophysical Society, Sep 2019, Volume 2019, p.1 - 5 , DOI: 10.3997/2214-4609.201902618 "<https://www.earthdoc.org/content/papers/10.3997/2214-4609.201902618>
18. **Asimopolos Laurentiu**, Asimopolos Natalia-Silvia, "Establishing the necessary conditions and format of data for optimal use of the iterative 3D modelling software. - BGS 2019 - 10th Congress of Balkan Geophysical Society, 18-22 September 2019, Albena Resort, Bulgaria, :EAGE, Conference Proceedings, 10th Congress of the Balkan Geophysical Society, Sep 2019, Volume 2019, p.1 - 5 , DOI: 10.3997/2214-4609.201902629 " <https://www.earthdoc.org/content/papers/10.3997/2214-4609.201902629>
19. 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, 26-29.03.2019, Athens, Greece, 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://publons.com/publon/21400277/>
20. 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,26-29.03.2019, Athens, Greece, 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://publons.com/publon/21400162/>
21. **Laurentiu Asimopolos**, Natalia-Silvia Asimopolos, Violeta-Carolina Niculescu, Adrian-Aristide Asimopolos Quantification of Geological/Geophysical/Geochemical Databases for the Modelling of Geothermal Water Structures, -2020-, *Jurnal : Smart Energy and Sustainable Environment*, Vol 23, Nr. 1, pp 21-28. Editor :National Research-Development Institute for Cryogenic and Isotopic Technologies, ISSN 2668-957X, ISSN-L 2668-957X , <https://doi.org/10.46390/j.smensuen.23120.78> **Citations 1 BDI**
22. **Asimopolos Laurentiu**, Natalia-Silvia Asimopolos, Adrian-Aristide Asimopolos, Analyses of geomagnetic data sets from Observatories and correlation between them, GEOLINKS Conference proceedings, Book 1 Volume 2, ISSN 2603-5472, ISBN 978-619-7495-07-2,AIR POLLUTION AND CLIMATE CHANGE Section, <https://doi.org/10.32008/geolinks2020/b1/v2/01>
23. **Asimopolos Laurentiu**, Natalia-Silvia Asimopolos, Geological and geophysical study for elaboration of geothermal model in Oradea-Baile Felix area, Geolinks Conference proceedings, book 2, ISSN 2603-5472, ISBN 978-619-7495-07-2, ENVIRONMENTAL GEOLOGY Section DOI: 10.32008/geolinks2020/b1/v2/12
24. **Asimopolos Laurentiu**, Asimopolos Natalia-Silvia, Balea Bogdan, Asimopolos Adrian-Aristide, Numerical experiments about forecast of the Strong Geomagnetic Disturbances, Muzeul Olteniei Craiova. Oltenia. *Studii și comunicări. Științele Naturii*. Tom. 36, No. 1/2020, pp.29-36, ISSN 1454-6914, indexed in Master Journal List, http://olteniastudiisicomunicaristiintelenaturii.ro/cont/36_1/I.%20GEOLOGY/3AsimopolosLaurentiu.pdf
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