

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **ASIMOPOLOS Natalia - Silvia**
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E-mail natalia.asimopolos@igr.ro
Nationality Romanian
Date of birth 05.01.1962

Desired employment / Occupational field

Applied Geophysics

Work experience

<p>Dates July 2010 - Present</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Scientific Researcher and Phd Student</p> <p>Geophysical research (Geothermal Method, Gravity Field , Geomagnetism, Electromagnetism, electric geopotential field), Elaboration of Projects and Studies, geomodel using gravity and geomagnetic field data Contribute and participate in the development and implementation of scientific research programs in the field of competence (FP7 projects, H2020) Documentation and reports of fund consulting geological geophysical database for particular attention to gravity and geothermal data. Participation in international projects: TermoMap, EuroGeoSource, GeoSEE, URMA, Start _ Danube Strategy and DarlinGe. Participation in developing of the project: statistical and spectral studies of geomagnetic data monitorized at Surlari National Geomagnetic Observatory (OGNS)</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Geological Institute of Romania, Str. Caransebes, Nr. 1, RO-012271, Bucharest</p> <p>National Institute of Geology, Geophysics, Geochemistry and Remote Sensing</p>
<p>Dates June 2008 – July 2010</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Human Resources Consultant (particular business)</p> <p>Audit of Human Resources Policies Organizational development plans, analysis and job evaluation Development of human resources policies and procedures (recruitment, selection, motivation, performance evaluation, internal rules and procedures for sanctioning, individual and collective dismissal) Development of non-financial reward systems</p>
<p>Name and address of employer</p>	<p>Sc Siennas Consulting SRL</p>

Type of business or sector	Human Resources
Dates	January 2007 – June 2008
Occupation or position held	Human Resources Manager
Main activities and responsibilities	<p>Elaborate a new system salary, grading and job evaluation, creating incentive system (associated with performance evaluation) and other benefits</p> <p>Develop and implement HR policies and procedures</p> <p>Initiating, supervising and monitoring of the recruitment and selection process, ensuring equity and non-discrimination between internal and external recruitment, in accordance with approved applications and promotion policy</p> <p>Ensure maintenance of staff records according to all legal requirements</p> <p>Manage any necessary disciplinary measures, dismissals, and other measures</p> <p>Ensure compliance with personnel management policy and local law</p> <p>Advise management regarding the negotiations with employees (labor rights, promotion, rewards, career plans, collective agreement)</p> <p>Ensure timely and orderly management of overall payroll</p> <p>Legal Regulations and reports to local Authorities</p> <p>Participation in Management controls , Compliance with corporate policy and rules</p> <p>Personnel administration</p>
Name and address of employer	SC Mercedes - Benz Romania SRL
Type of business or sector	Automotive industry : Import and sales a Daimler car brands (Mercedes, smart, Mitsubishi Fuso Canter, Chrysler, Jeep, Dodge)
Dates	April 1996 – January 2007
Occupation or position held	Human Resources Manager
Main activities and responsibilities	<p>Elaborate and implement HR policies and procedures; Support the General Management with Personnel Management Policies, Practices and Procedures</p> <p>Supervise the recruitment and selection process</p> <p>Implement the evaluation system of the employees performance (based on job grading and evaluation)</p> <p>Assess the development needs of the employees and propose a consistent plan of training programs</p> <p>Ensure compliance with personnel management policy and local law</p> <p>Manage and control payroll costs according to plan</p> <p>Prepare and implement of all kind of benefits, incentive schemes, performance rewards</p> <p>Monitoring and meeting the defined Human Resources budget</p>
Name and address of employer	SC Auto Rom SRL
Type of business or sector	Automotive industry Import and sales a DaimlerChrysler car brands (Mercedes, Chrysler, Jeep)
Dates	August 1985 – April 1996
Occupation or position held	Geophysics Engineer
Main activities and responsibilities	<p>Detailed geophysical research and great detail for ores using electrometrical methods across the country</p> <p>Working to achieve more than 30 geophysical reports, summary reports, technical execution projects, papers presented at symposia and published papers.</p> <p>Coordination of field work electrometric bands as band leader or deputy head band</p>
Name and address of employer	SC Prospectiuni SA
Type of business or sector	Geological, geochemical, geophysical hidrogeological, geotechnical prospection in Romania and other country
Education and training	
University Education	
Dates	October 2010 – Present
Title of qualification awarded	PhD Student in Geophysics
Principal subjects/occupational skills covered	Contribuții la dezvoltarea unui nou model de tectonică în zona seismică Vrancea utilizând date gravimetrice și geodezice. (Contributions to the development of a new tectonic model for the Vrancea seismic zone using gravimetric and geodetic data)

Name and type of organisation providing education and training	University of Bucharest , Faculty of Geology and Geophysics
Dates	October 2004 – January 2006
Title of qualification awarded	Master in Law
Principal subjects/occupational skills covered	Romanian and European Social Law, Application of the disciplinary sanctions
Name and type of organisation providing education and training	Ecological University of Bucharest , Faculty of Law
Dates	October 1996 – July 2001
Title of qualification awarded	Diploma in Law
Principal subjects/occupational skills covered	Romanian Law, Labor code, Disciplinary sanction
Name and type of organisation providing education and training	Ecological University of Bucharest, Faculty of Law
Dates	October 1980 – July 1985
Title of qualification awarded	Geophysicist Engineer
Name and type of organisation providing education and training	University of Bucharest, Faculty of Geography and Geology, Specialization Geophysics
Other qualifications	
Dates	February, 2015
Title of qualification awarded	Expert in labor law,
Name and type of organisation providing education and training	LexAcademy and UNELM, Bucharest
Dates	August, 2013
Title of qualification awarded	Short Summer School on thermal Analysis and Calorimetry
Name and type of organisation providing education and training	CEEC-TAC, Vilnius, Lithuania
Dates	2009, September - December
Title of qualification awarded	Trainer certified Training center in the culture, Bucharest
Dates	2007, August
Title of qualification awarded	Lotus Notes Course
Name and type of organisation providing education and training	SC Softnet Services SRL, Bucharest
Dates	2006, May - June
Title of qualification awarded	European Program of Instruction in Human Resources Management
Name and type of organisation providing education and training	Centre of Partnership for Equality CPE, Bucharest
Dates	2006, February
Title of qualification awarded	Instruction the New Labor Legislation

Name and type of organisation providing education and training	Ok Services Corporation, Bucharest
Dates	2005, October
Title of qualification awarded	Time management
Name and type of organisation providing education and training	Response International
Dates	2005, September
Title of qualification awarded	Finance for non Finance
Name and type of organisation providing education and training	BPP Professional Education
Dates	2004, May - November
Title of qualification awarded	Performance Management and Interview Tehnics
Name and type of organisation providing education and training	Delphi Consultant
Dates	2004, October
Title of qualification awarded	Law responsibility of the parties individual labor contract
	Prinvest Media Services, Bucharest
Dates	October 2002– February 2003
Title of qualification awarded	Human Resources Manager
Principal subjects/occupational skills covered	Strategic management, recruitment and selection, analyze and job description, legislation, negotiations, organizational culture, organizational behavior, performance management, personnel' building and perfecting, changing management
Name and type of organisation providing education and training	IRECSON, Bucharest
Dates	2002, January - March
Title of qualification awarded	Excel Course Advanced
Name and type of organisation providing education and training	SC Softnet Services SRL, Bucharest
Dates	April 2001 – 3 months
Title of qualification awarded	Human resources inspector
Name and type of organisation providing education and training	AMOFM, SC Macrissis SRL
Dates	1995, January
Title of qualification awarded	Computer Course
Name and type of organisation providing education and training	SC Softnet Services SRL, Bucharest
Dates	1992 November - 1993 February
Title of qualification awarded	Accounting Course
Name and type of organisation providing education and training	CENTROCOOP, Bucharest

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level ()*

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

English	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
French	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

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

Social skills and competences	Incisive and accurate judgment Energetic, resourceful, adaptable and able to think creatively Outstanding communication and relationship management skills Excellent communication abilities and adapting to stress, Analytical thinking
Organisational skills and competences	Well organized, disciplined, able to set priorities ,Ability to thrive in a challenging, result driven environment, Strong customer orientation Project Management Wide knowledge of labor and salaries' legislation, Expert in labor matters Extensive knowledge of Romanian Labor code and personnel administration issues
Computer skills and competences	Proficiency in PC knowledge: Word, Excel, PowerPoint, Lotus Notes, Fox Pro, Mat lab, ArcGIS , Grafwin
Driving licence	None
Additional information	LIST OF PAPERS

Natalia - Silvia ASIMOPOLOS –LIST OF PAPERS

BOOKS :

1. 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, CIP: 550.38, 160 pag.
2. Asimopolos Laurentiu, Sandulescu Agata-Monica, **Asimopolos Natalia-Silvia,** Niculici Eugen - 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 in Geophysics - papers for training:

1. **Asimopolos N.S.** — Types of gravity anomalies and their importance in deciphering the local and regional tectonics – 2011 - Bucharest University – Geological and Geophysical Faculty (46 pag.), Coordinator: Prof. Marian Ivan
2. **Asimopolos N.S.** —Modeling methods in gravity – 2011 - Bucharest University – Geological and Geophysical Faculty (52 pag.), Coordinator: Prof. Marian Ivan
3. **Asimopolos N.S.** —Geodesic surfaces – 2011 - Bucharest University – Geological and Geophysical Faculty (72 pag.), Coordinator: Prof. Marian Ivan
4. **Asimopolos N.S.** - Methods of analysis used for gravimetric data– 2011 - Bucharest University – Geological and Geophysical Faculty (17 pag.), Coordinator: Prof. Marian Ivan
5. **Asimopolos N S** - Surfaces polynomial trend analysis of geophysical anomalies (potential field) – 2012 Bucharest University – Geological and Geophysical Faculty (20 pag.), Coordinator: Prof. Marian Ivan
6. **Asimopolos N S** - Using wavelet analysis for potential fields - 2012 Bucharest University – Geological and Geophysical Faculty (32 pag.), Coordinator: Prof. Marian Ivan

7. **Asimopolos N S** - Free Air Anomaly in Romania- 2012 Bucharest University – Geological and Geophysical Faculty (23 pag.),
Coordinator: Prof. Marian Ivan

BACHELOR PAPERS:

1. **Asimopolos Natalia-Silvia** – Radioactive tracers – 1985 - Bucharest University – Geological and Geophysical Faculty (138 pag.),
Coordonator: Prof. Mircea Pauca
2. **Asimopolos Natalia-Silvia** – Disciplinary sanction – 2001 - Ecological University of Bucharest , Faculty of Law (76 pag.), Coordonator:
Prof. Alexandru Țiclea

MASTERS PAPER IN LAW

1. **Asimopolos Natalia-Silvia** – Application of disciplinary sanction – 2004 - Ecological University of Bucharest , Faculty of Law (84 pag.),
Coordonator: Prof. Alexandru Țiclea

SELECTED PAPERS WITH REFERENCES:

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.
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
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
4. Anca Marina Vijdea ; Christopher Weindl ;Ana Cosac ; **Natalia Silvia Asimopolos** ; David Bertermann Estimating the thermal properties of soils and soft rocks for ground source heat pumps installation in Constanta county, Romania Journal of Thermal Analysis and Calorimetry (Impact Factor: 2.21). 11/2014; 118(2):1135-1144. DOI: 10.1007/s10973-014-3951-8

OTHER PAPERS, EXTENDED ABSTRACTS AND CONFERENCES :

1. Asimopolos L., **Asimopolos N.S.**– Interpretation of magnetotelluric soundings used group velocities of the electromagnetic waves – 1992 – First Symposia of Applied Geophysics, Bucharest University - presentation.
2. Asimopolos L., **Asimopolos N.S.** – Similarity interpretation between magnetotelluric soundings and reflection seismic– 1992 – First Symposia of Applied Geophysics, Bucharest University - presentation.
3. Asimopolos L., **Asimopolos N.S.** – Analyzes of the magnetotelluric data and establish dimensionality of the geological structures. – 1994 –The XVII-the Symposia of Earth Physics and Applied Geophysics (presentation and extended abstract in book abstract).
4. Asimopolos L., **Asimopolos N.S.** – 1996 - Analyzes of the magnetotelluric and establish dimensionality of the geological structures. – extended abstract – Studii si Cercetari de Geofizica.(ISSN-1220-5265)
5. Asimopolos, L., Pestina A. M, **Asimopolos, N.S.** – 2009 - Temporal, spectral and wavelet analysis of geomagnetic field – Scientific session “Mineralogy and Geodiversity” dedicated to the 70th anniversary of Professor Dr. Emil Constantinescu.

6. 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.
7. Asimopolos, L., **Asimopolos, N.S.**, Pestina A. M. – 2010 - A new regard about Surlari National Geomagnetic Observatori – Conference EGU2010, Wien – (European Geosciences Union – www.egu.eu -abstract)
8. 5 . **Asimopolos, N.S.**, Pestina A. M. Asimopolos, L., Niculici E. - Regard On Surlari Geomagnetic Observatory – Conference GEO2010 – Universitatea Bucuresti – (extended abstract)
9. Niculici E., **Asimopolos, N.S.**, Pestina A. M., Asimopolos, L. - Consideration On Geomagnetic Storm From April 5-7 , 2010– Conference GEO2010 – Universitatea Bucuresti – (poster and extended abstract)
10. **Asimopolos, N.S.**, Asimopolos, L., Pestina A.M., Niculici E. - Remarks about the main geomagnetic observatory from Romania , 2010– XX Workshop of Electromagnetism, 20EMIW –Cairo, Egypt (poster and extended abstract)
11. Asimopolos, L., **Asimopolos, N.S.**, Pestina A. M. – Considerations on the morphology of the geomagnetic field using wavelet technique, 2010 - XX Workshop of Electromagnetism, 20EMIW –Cairo, Egypt (poster and extended abstract)
12. **Asimopolos, N.S.**, Cristea, P., Vajdea, A.M., Asimopolos, L., Rusu, E. - Research for Environment and Sustainable use of Resources in the Geological Institute of Romania, 2010 - XX Workshop of Electromagnetism, 20EMIW –Cairo, Egypt (poster and extended abstract)
13. Asimopolos, L., **Asimopolos, N.S.** - Analysis of long period magnetotelluric data in seismic active area - The 8th ASC General Assembly (ASC2010), 8-10 November 2010 Hanoi, Vietnam (poster and extended abstract), <http://www.asc2010.vag.vn> , Session 5.
14. Asimopolos, L. , Pestina A. M., **Asimopolos, N. S.**, Niculici E. - Data interpretation from geomagnetic observatories using wavelet techniques - Annual Conference of the Geological Society of Romania, Bucharest, 5-6 November 2010 (poster and extended abstract)
15. Vajdea, A.M., **Asimopolos, N.S.**, Munteanu, M. – Eurogeosource – A European union information and policy support system for sustainable supply of Europe with energy and mineral resources. A project co-founded by the CIP-ICT Policy Support Programme - Annual Conference of the Geological Society of Romania, Bucharest, 5-6 November 2010 (extended abstract)
16. Asimopolos, L., **Asimopolos, N.S.** - Geophysical Study on a profile West-East from Romania regarding the geological deep structure - The World's foremost conference on marine electromagnetic - California, Marelec 2011, 20-23 June 2011, San Diego (abstract accepted to session Geophysical Exploration) <https://www.smartregister.co.uk/events/ixhib/marelec11/callforpapers/>
17. **Asimopolos, N.S.**, Andrei, J., Asimopolos, L. – 2011 - Considerations on interpretation the anomalies of gravity – GEO 2011 – FGG – Univ. Bucuresti
18. Asimopolos, L., Niculici, E., Pestina, A.M., **Asimopolos, N.S.** – 2011 - Analysis of the geomagnetic field on the romanian territory– GEO 2011 – FGG – Univ. Bucuresti
19. Asimopolos, L., Pestina, A.M., Niculici, E., **Asimopolos, N.S.** – 2011 - Considerații privind analiza datelor geomagnetice. Studii de caz referitoare la Observatorul Surlari și la hărțile geomagnetice la nivelul României – Prezentare IGR, Muzeul Geologic – 09 Iunie 2011
20. **Natalia - Silvia Asimopolos** and Laurentiu Asimopolos - Analysis of gravity data using trend surfaces- Geophysical Research Abstracts, Vol. 15, EGU2013-13550, 2013, EGU General Assembly 2013
21. Laurentiu Asimopolos, **Natalia-Silvia Asimopolos**, Agata Monica Sandulescu, and Eugen Niculici - Study about geomagnetic variations from data recorded at Surlari Geomagnetic Observatory , Geophysical Research Abstracts, Vol. 15, EGU2013-13548, 2013, EGU General Assembly 2013
22. Anca Marina Vajdea ; Christopher Weindl ; Ana Cosac ; **Natalia Silvia Asimopolos** ; David Bertermann “Estimating the thermal properties of soils and soft rocks for ground source heat pumps installation in Constanta county, Romania “ –CEEC-TAC2, august 2013, Vilnius, Lithuania
23. Considerations on severe geomagnetic disturbances and their impact on power energy network, L. Asimopolos, **N.S. Asimopolos**, A.M. Sandulescu, E. Niculici "IUGG Prague, Czech Republic 22.06-02.07.2015; The International Union of Geodesy and Geophysics (IUGG) ; <http://www.iugg2015prague.com/>",

24. Evaluation methods of geophysical data for deciphering the deep geological structure in Curvature Carpathians zone, L. Asimopolos, **N.S. Asimopolos**, A.M. Sandulescu, E. Niculici, "IUGG Prague, Czech Republic 22.06-02.07.2015; The International Union of Geodesy and Geophysics (IUGG) ; <http://www.iugg2015prague.com/>
25. Thickening of the repetition station network for determining secular variation of geomagnetic field in Romania, Asimopolos L. , Niculici E., Săndulescu A., **Asimopolos N.S.**, MagNetE – Budapest, Hungary, 16-18 September, 2015
26. Geopotential data filtering through moving averages, trend surfaces and analytical continuations from the curvature of the Eastern Carpathians, **Asimopolos N.S.** , Asimopolos L. , MagNetE – Budapest, Hungary, 16-18 September, 2015
27. Considerations on the deep geomagnetic soundings in the Vrancea zone, Asimopolos L., **Asimopolos N.S.**, Niculici E., Săndulescu A, MagNetE – Budapest, Hungary, 16-18 September 2015
28. Consideration about deep structure in Vrancea zone from gravity data, **Asimopolos N.S**, 8th Congress of the Balkan Geophysical Society – Chania, Crete, 4-8 October, 2015, Nr. 27213g
29. The impact of geomagnetic storms for the energy sector, L. Asimopolos, **N.S. Asimopolos**, 8th Congress of the Balkan Geophysical Society – Chania, Crete, 4-8 October, 2015, Nr. 27214g
30. Geodetic surface and height systems - **N.S. Asimopolos**, L. Asimopolos, Prezentare IGR, 12.12.2016
31. The relationship between topography surface and gravity anomalies - **N.S. Asimopolos**, L. Asimopolos, Prezentare IGR, 12.12.2016