

## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **ASIMOPOLOS Natalia - Silvia**  
**Address(es)** 98 Dristorului, RO – 031539, Bucharest, Romania  
**Telephone(s)** +4031403033400 (office) **Mobile:** +40740315186  
**Fax(es)** +4031403033499 (office)  
**E-mail** natalia.asimopolos@igr.ro  
**Nationality** Romanian  
**Date of birth** 05.01.1962

### Desired employment / Occupational field

#### Applied Geophysics

### Work experience

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

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| Type of business or sector                     | Human Resources   |
| Dates  | January 2007 – June 2008  |
| Occupation or position held                    | <b>Human Resources Manager</b>  |
| Main activities and responsibilities           | Elaborate a new system salary, grading and job evaluation, creating incentive system (associated with performance evaluation) and other benefits<br>Develop and implement HR policies and procedures<br>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<br>Ensure maintenance of staff records according to all legal requirements<br>Manage any necessary disciplinary measures, dismissals, and other measures<br>Ensure compliance with personnel management policy and local law<br>Advise management regarding the negotiations with employees (labor rights, promotion, rewards, career plans, collective agreement)<br>Ensure timely and orderly management of overall payroll<br>Legal Regulations and reports to local Authorities<br>Participation in Management controls , Compliance with corporate policy and rules<br>Personnel administration |
| 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                    | <b>Human Resources Manager</b>  |
| Main activities and responsibilities           | Elaborate and implement HR policies and procedures; Support the General Management with Personnel Management Policies, Practices and Procedures<br>Supervise the recruitment and selection process<br>Implement the evaluation system of the employees performance ( based on job grading and evaluation)<br>Assess the development needs of the employees and propose a consistent plan of training programs<br>Ensure compliance with personnel management policy and local law<br>Manage and control payroll costs according to plan<br>Prepare and implement of all kind of benefits, incentive schemes, performance rewards<br>Monitoring and meeting the defined Human Resources budget   |
| 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                    | <b>Geophysics Engineer</b>  |
| Main activities and responsibilities           | Detailed geophysical research and great detail for ores using electrometrical methods across the country<br>Working to achieve more than 30 geophysical reports, summary reports, technical execution projects, papers presented at symposia and published papers.<br>Coordination of field work electrometric bands as band leader or deputy head band   |
| Name and address of employer                   | SC Prospectiuni SA  |
| Type of business or sector                     | Geological, geochemical, geophysical hidrogeological, geotechnical prospection in Romania and other country   |
| <b>Education and training</b>                  |   |
| <b>University Education</b>                    |   |
| Dates  | October 2010 – Present  |
| Title of qualification awarded                 | <b>PhD Student in Geophysics</b>  |
| 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)   |

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

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| Name and type of organisation providing education and training | Ok Services Corporation, Bucharest  |
| Dates  | 2005, October   |
| Title of qualification awarded                                 | <b>Time management</b>  |
| Name and type of organisation providing education and training | Response International  |
| Dates  | 2005, September   |
| Title of qualification awarded                                 | <b>Finance for non Finance</b>  |
| Name and type of organisation providing education and training | BPP Professional Education  |
| Dates  | 2004, May - November  |
| Title of qualification awarded                                 | <b>Performance Management and Interview Tehnics</b>   |
| Name and type of organisation providing education and training | Delphi Consultant   |
| Dates  | 2004, October   |
| Title of qualification awarded                                 | <b>Law responsibility of the parties individual labor contract</b>  |
|  | Prinvest Media Services, Bucharest  |
| Dates  | October 2002– February 2003   |
| Title of qualification awarded                                 | <b>Human Resources Manager</b>  |
| 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                                 | <b>Excel Course Advanced</b>  |
| Name and type of organisation providing education and training | SC Softnet Services SRL, Bucharest  |
| Dates  | April 2001 – 3 months   |
| Title of qualification awarded                                 | <b>Human resources inspector</b>  |
| Name and type of organisation providing education and training | AMOFM, SC Macrissis SRL   |
| Dates  | 1995, January   |
| Title of qualification awarded                                 | <b>Computer Course</b>  |
| Name and type of organisation providing education and training | SC Softnet Services SRL, Bucharest  |
| Dates  | 1992 November - 1993 February   |
| Title of qualification awarded                                 | <b>Accounting Course</b>  |
| 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 |         |

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|----------------|----|------------------|----|------------------|----|------------------|----|------------------|----|------------------|
| <b>English</b> | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user |
| <b>French</b>  | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user |

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

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|---------------------------------------|---|
| Social skills and competences         | Incisive and accurate judgment<br>Energetic, resourceful, adaptable and able to think creatively<br>Outstanding communication and relationship management skills<br>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<br>Project Management<br>Wide knowledge of labor and salaries' legislation, Expert in labor matters<br>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  |
| <b>Additional information</b>         | 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 70<sup>th</sup> 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 9<sup>th</sup> 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](http://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 – Presentare 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