



Curriculum Vitae - Europass

Personal informations

First name(s) / Surname(s) **Grigoras Aurica Valentin**
Address Piata Stefan cel Mare St., Nr. 6, C3/A, 610022, Piatra Neamt (Romania)
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Nationality Romanian
Date of birth 03/10/1977
Gender male

Work experience

Dates 01/02/2012 → present
Occupation or position held Scientific Researcher, 3rd degree
Main activities and responsibilities - responsible for optimal functioning of the *Geochemical and Environmental Research* laboratory
- instrumental and chemical analysis carried out on water, soil, sediment and vegetal samples
- data interpretation
- estimation of human impact on various ecological habitats
Name and address of employer [National Institute of Research and Development for Biological Sciences Bucharest](#)
"Stejarul" Biological Centre Piatra Neamt, Alexandru cel Bun St, Nr. 6, 610004 Piatra Neamt
Type of business or sector Public, Research and Development

Dates 01/07/2009 → 31/01/2012
Occupation or position held Researcher
Main activities and responsibilities - instrumental and chemical analysis carried out on water, soil and sediment samples
- data interpretation
- estimation of human impact on various ecological habitats
Name and address of employer [National Institute of Research and Development for Biological Sciences Bucharest](#)
"Stejarul" Biological Centre Piatra Neamt, Alexandru cel Bun St, Nr. 6, 610004 Piatra Neamt
Type of business or sector Public, Research and Development

Dates 01/03/2006 - 01/07/2009
Occupation or position held Research assistant
Main activities and responsibilities - instrumental and chemical analysis carried out on water, soil and sediment samples.
- data interpretation.
Name and address of employer [National Institute of Research and Development for Biological Sciences Bucharest](#)
"Stejarul" Biological Centre Piatra Neamt, Alexandru cel Bun St, Nr. 6, 610004 Piatra Neamt
Type of business or sector Public, Research and Development

Education and training

Dates	01/10/2007 - 30/04/2011
Title of qualification awarded	PhD degree (Dr. in Geology)
Title of PhD thesis	Geochemistry of the river sediments in Bistrita Bassin (downstream Izv. Muntelui Lake)
Advisor:	Prof. Dr. Ovidiu Gabriel Iancu
Principal subjects / occupational skills covered	<ul style="list-style-type: none"> - geochemistry of surface water - mineralogical characterization of the sediments - geochemistry of stream sediments: major components - geochemistry of stream sediments: minor components (focused on heavy metals and arsenic) - estimation of human impact on water and sediment quality: past, present and future
Name and type of organisation providing education and training	„Alexandru Ioan Cuza” Iasi (University) B-dul Carol I St, Nr.11, 700506 Iasi (Romania)
Dates	01/11/2008 - 30/11/2008
Name and type of organisation providing education and training	Research / Mobility grant offered by Central European Exchange Program for University Studies (CEEPUS) at Fac. of Natural Sciences and Engineering, Univ Ljubljana, Slovenia
Principal subjects / occupational skills covered	X-ray Diffraction: theoretical considerations, data interpretation
Dates	01/10/2005 - 01/07/2007
Title of qualification awarded	MSc Degree (in Geology / Geochemistry / Geochemistry of the Natural Resources)
Title of MSc Dissertation	Geochemistry of Springwater in Ceahlau Mountains (Romania)
Principal subjects / occupational skills covered	<ul style="list-style-type: none"> - hidrogeochemical features of springwater - estimation of human impact on water quality - the economic potential of underground and springwater in Ceahlau Mts
Name and type of organisation providing education and training	„Alexandru Ioan Cuza” Iasi (University), Fac. of Geography and Geology B-dul Carol I St, Nr.11, 700506 Iasi (Romania)
Dates	01/10/1999 - 01/07/2004
Title of qualification awarded	B.Sc. (Dipl. Ing.) Degree / Geochemical engineer
Name and type of organisation providing education and training	„Alexandru Ioan Cuza” Iasi (University), Fac. of Geography and Geology B-dul Carol I St, Nr.11, 700506 Iasi (Romania)

Personal skills

Mother tongue (s) **Romanian**

Other language (s)

Self-assessment
European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills	Team spirit
Organisational skills	<ul style="list-style-type: none"> - voluntary, I am coordinating the research activity of some students at Univ. Al I Cuza Iasi. - during my PhD study I organized a seminar series on research methodology and interpretation data regarding heavy metals in stream sediments on Al. I. Cuza Iasi University.
Technical skills	<ul style="list-style-type: none"> - knowledge of different instrumental and chemical methods of analysis (on water, soil, sediment and vegetal samples) including: <ul style="list-style-type: none"> - volumetric methods - spectrophotometric methods - flame photometric methods - X-ray diffraction (XRD) methods - X-ray fluorescence (XRF) methods - very familiar with different instruments (benchtop or portable) including multiparameters, pH-meters, calcimeters, photometers, DO meters etc. - generally in my studies I am following different standard operating procedures (Romanian, ASTM a.s.o.), but not always.
Computer skills	<ul style="list-style-type: none"> - strong knowledge of Microsoft Office tools (Word, Excel, PowerPoint, Publisher) or similar Open Source tools - good knowledge of different specific research applications

Additional informations

Dates	2009 → present
	Author of numerous studies (eq: hydrogeochemistry of underground water, groundwater quality monitoring, water aggression, pedomchemical properties a.s.o.) to public or private partners
Dates	2012 → present
	Member of Scientific Council of Ceahlau National Park
Dates	01/03/2008 - 31/12/2010
Name and type of organisation providing fellowship	<p><i>Romanian Ministry of Education, Research, Youth and Sport through CNCS - Doctoral Fellowships Program</i></p> <ul style="list-style-type: none"> - competition based on project proposal: idea and implementation

Recent or relevant publications

- Doina Danila, Camelia P. Stefanache, Radu Necula, **Valentin Grigoras**, Anca Miron (2013) *Contribution to the Phytochemical Study of Vaccinium Vitis-Idaeae L. Wild Populations from Eastern Romanian Carpathians*, Trends in natural products research, Obergurgl/Tyrol, Austria, 21 – 25 July 2013, Poster and Book of Abstracts
- Camelia Stefanache, Doina Danila, Radu Necula, **Valentin Grigoras**, Elvira Gille (2013) *Comparative Phytochemical Analysis for Agastache Rugosa Kuntze Experimental Variants in Conventional Cultures*, Trends in natural products research, Obergurgl/Tyrol, Austria, 21 – 25 July 2013, Poster and Book of Abstracts.
- Carmen Tebrencu, Ruxandra Cretu, Gabriela Mitroi, Elena Iacob, Maria Chiriac, **Valentin Grigoras** (2013) *Phytochemical Screening of Urtica Dioica Extracts: Preliminary Study for Their Utilization as Antimicrobial and Antifungal Agents*, Trends in natural products research, Obergurgl/Tyrol, Austria, 21 – 25 July 2013, Poster and Book of Abstracts.
- Valentin Grigoraș**, Ovidiu Gabriel Iancu, Nicolae Buzgar, Meta Dobnikar, Mihael-Cristin Ichim (2010) *The distribution of certain trace elements in active stream sediments of the Bistrița river (downstream Izvorul Muntelui Lake), Romania*. An. Șt. Univ. "Al. I. Cuza" Iași, Ser. Geol., Sp. Is. (Proceedings of the International Symposium Geology of Natural Systems - Geo Iași 2010 September 1 – 4, 2010, Iași, Romania), pp. 51-57. (indexed by [GeoRef \(American Geological Institute\)](#), [Genamics JournalSeek](#), [Library of Congress online Catalog](#), [ProQuest \(Science Journals database\)](#) and [Illustrata: Technology](#)), [SCOPUS \(SciVerse Scopus\)](#) and quoted by [Thomson on-line database](#). (Article)
- Valentin Grigoraș**, Meta Dobnikar (2010) *Spatial and temporal changes of pollution indicators in the surface waters of the Bistrița basin (downstream Izvorul Muntelui Lake)*. An. Șt. Univ. "Al. I. Cuza" Iași, Ser. Geol., Tome 56, Is. 1, pp. 47-56. (indexed by [GeoRef \(American Geological Institute\)](#), [Genamics JournalSeek](#), [Library of Congress online Catalog](#), [ProQuest \(Science Journals database\)](#) and [Illustrata: Technology](#)), [SCOPUS \(SciVerse Scopus\)](#) and quoted by [Thomson on-line database](#). (Article)
- Bucureșteanu Maria, Roșca B., **Grigoraș V.** (2008) *European Monitoring on the Ecological Status of Water Bodies in the Basin of the Prut River – a river on the EU Eastern Border*, Proceedings of the 2nd International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI'08), ISSN 1790-5095, ISBN 987-960-474-017-8, Corfu, Greece (abstract indexed by [Web of Knowledge](#)), pp. 106-111. (Proceedings Paper)
- Bucureșteanu Maria, **Grigoraș V.** (2008) *The Ecological Management of Fumes Released by Bio Fuel Incineration*, Proceedings of the 2nd International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI'08), ISSN 1790-5095, ISBN 987-960-474-017-8, Corfu, Greece (abstract indexed by [Web of Knowledge](#)), pp. 217-222. (Proceedings Paper)

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