



Curriculum vitae Europass



PERSONAL INFORMATION

CRISTEA Alexandru - Ionuț
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Nationality Romanian
Date of birth 30.09.1980

WORK EXPERIENCE

since February 2017 Assoc. Prof.
September 2012 - February 2017 Lecturer
October 2003 - September 2012 Assistant
Main activities and responsibilities

- Teaching activities (courses, seminars, practical works) within the disciplines: Geoinformatics, Regional Geography of Romania, Thematic Mapping of the Environment, Geographic Information Systems (GIS) and Remote Sensing, Methods and Techniques of Spatial Analysis, Geographic Information Systems in Tourism Analysis, GIS applied in transportation, G.I.S. applied in urban/rural analysis, Advanced digital mapping techniques, Management of geospatial database
- Research activities in the field of Geographic Information Systems, fluvial geomorphology, historical environmental changes
- Coordinator of bachelor's and master's theses

Employer's name "Ștefan cel Mare" University, Faculty of History and Geography, Department of Geography, Universității Str. 13, Suceava
Business or sector Education and Research

EDUCATION AND TRAINING

September 2016 **Erasmus+ training course in Physical Geography**
Subjects covered or skills acquired Geographic information systems, statistical data analysis
Training organization's name **Eötvös Loránd University (Hungary), Faculty of Science**

07.2014 – 09.2015 **Postdoctoral research with the topic "Quaternary tectonic and climatic influences in the formation and evolution of the hydrographic network at the Carpathian Curvature", within the project "SOCERT. The knowledge society, dynamism through research**
Subjects covered or skills acquired Quantitative analysis of geographical data
Training organization's name **"Ștefan cel Mare" University of Suceava**

05 – 28 March 2007 **Specialization in G.I.S software use: Introduction to ArcGIS I, Introduction to ArcGIS II,**

Subjects covered or skills acquired	Working with 3D Analyst, Working with Spatial Analyst, Introduction to Geostatistical Analyst
Training organization's name	G.I.S. Analysis Skills ESRI Romania
April - May 2006	Specialization in geomorphological mapping techniques and the use of Geographic Information Systems in geomorphology, within the Joint Academic Program / "Comparative analyzes of the geomorphological processes affecting the fronts of the cuestas in the Moldavian Plateau (Romania) and Bradanic foredeep (Italy)"
Subjects covered or skills acquired	G.I.S. Analysis Skills
Training organization's name	Dipartimento di Geologia e Geofisica, Universita di Bari (Italy), Coordinator : Prof. Giovanni Palmentola
July 2005	Specialization in methods/techniques of geomorphological mapping and elaboration of scientific studies on active geomorphological processes, within the International Summer School with the theme "Environmental hazards and sustainable development in mountain regions", held in Pătărlagele, Buzău County
Subjects covered or skills acquired	Physical geography, cartography
Training organization's name	Institute of Geography of the Romanian Academy
2004 - 2011	Doctoral studies in Geography
Subjects covered or skills acquired	Geomorphological analysis of Putna Valley (Carpathian Curvature)
Training organization's name	"Ștefan cel Mare" University of Suceava
2003-2004	Postgraduate specializing in Geographical Risk Phenomena and Sustainable Development
Training organization's name	"Ștefan cel Mare" University of Suceava
1999-2003	University degree in History - Geography
Training organization's name	"Ștefan cel Mare" University of Suceava

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

English

German

UNDERSTANDING		SPEAKING				WRITING	
Listening		Reading		Spoken interaction		Spoken production	
	B2		B2		B2		B2
	A1		A1		A1		A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Common European Framework of Reference for Languages

Communication / Social skills	Team spirit, adaptability and assimilation of new information and skills, willingness to engage in socio-cultural activities. These skills were acquired in the workplace, by participating in numerous projects and involvement in non-formal activities.
Organizational / managerial skills	Experience in organization of various workshops, scientific sessions, student field trips etc. Currently, Associate Dean of Faculty of History and Geography with responsibilities regarding research and public image of the institution.
Job-related skills	Experience in field data collection using G.P.S., total stations (Leica TC407), sounders (Garmin 525), electrical resistivity (ERT) and laser scanners (Leica BLK 360). Experience in G.I.S. analysis and management of digital geographic databases. Experience in the theory and practice of cartographic design and statistical analysis.

Computer skills Advanced user of G.I.S. and RS software (ArcView 3.x, ArcGIS 9.x - 10.x, Surfer, Global Mapper Erdas, Envi). Advanced user of Microsoft Office, Corel and Adobe Photoshop. Web design knowledge.

Driving licence B

ADDITIONAL INFORMATION

Publications

Relevant publications:

- MC Mărgărint, M Niculiță, A Németh, Al Cristea, SC Doru (2021), The reconstruction of an abandoned historical reservoir network in a continental temperate climate region using a multi-method approach, *Applied Geography*, 102447
- Niculiță M., Mărgărint M.C., Cristea A.I. (2019) - Using archaeological and geomorphological evidence for the establishment of a relative chronology and evolution pattern for Holocene landslides, *PLoS One* 14 (12)
- Cristea A. I. (2018) - The cadastral mapping system of Bukovina: from emergence to GIS integration, *Georeview* 28 (1), 41-58
- Florescu G., Hutchinson S. M., Kern Z., Mindrescu M., Cristea A.I., D Mihăilă, E Łokas, A Feurdean (2017) - Last 1000 years of environmental history in Southern Bucovina, Romania: A high resolution multi-proxy lacustrine archive, *Palaeogeography, Palaeoclimatology, Palaeoecology* 473, 26-40
- Rădoane M., Cristea I., Dumitriu D. and Perșoiu I. (2016) - Geomorphological Evolution and Longitudinal Profiles, in *Landform Dynamics and Evolution in Romania* (Editors: Rădoane, Maria, Vespremeanu-Stroe, Alfred), 427-442, Springer International Publishing AG, Switzerland, ISBN 978-3-319-32589-7
- Rădoane M., Perșoiu I., Chiriloaei F., Cristea I. and Robu D. (2016) - Styles of Channel Adjustments in the Last 150 Years, in *Landform Dynamics and Evolution in Romania* (Editors: Radoane, Maria, Vespremeanu-Stroe, Alfred), 489-518, Springer International Publishing AG, Switzerland, ISBN 978-3-319-32589-7
- Cristea A. I. (2015) - Spatial analysis of channel steepness in a tectonically active region: Putna River catchment (South-Eastern Carpathians), *Geographia Technica*, vol. 10, p. 19-27
- Rădoane M., Obreja F., Cristea I., Mihailă D. (2013) - Changes in the channel-bed level of the eastern Carpathian rivers: Climatic vs. human control over the last 50 years, *Geomorphology*, 193, 91-111
- Mîndrescu M., Cristea A.I., Hutchinson S. M., Florescu G., Feurdean A. (2013) - Interdisciplinary investigations of the first reported laminated lacustrine sediments in Romania, *Quaternary International*, 293, 219-230
- Mîndrescu M., Cristea A.I., Hutchinson S. M. (2011) - Bathymetric And Sedimentological Changes Of Glacial Lake Știol, Rodna Masiff, *Carpathian Journal of Earth and Environmental Sciences*, 5(1), 57-65

<https://orcid.org/0000-0001-7965-5787>

<https://publons.com/researcher/3709498/alexandru-ionut-cristea/>

<https://www.researchgate.net/profile/Alexandru-Cristea-2>

Conferences

- 37 papers presented at various conferences held in: Romania (25) or abroad (12)

Representative titles:

- The cadastral mapping system of Bukovina: from emergence to GIS integration, *Environmental Quality and Land Use*, 2019
- Quantitative morphotectonic analysis of the South-Eastern Carpathians, *European Geosciences Union General Assembly 2015*
- Tectonic and lithological controls on the South-Eastern Carpathians drainage network, *Interdisciplinarity in Geoscience in the Carpathian Basin*, 2012
- Contemporary pattern adjustments of Putna River's channel (South - Eastern Carpathians) reflected by cartographic materials, *EGU General Assembly 2012*
- Channel planform changes of Putna River in the last 100 years, *Congress of Geomorphometry 2011, Redlands*

Projects

- member in 19 international/national/regional projects

Representative titles:

- Labor market insertion - vector of tertiary education, 2019-2021, POCU
- Forest response to climate change predicted from multicentury climate proxy-records in the

Carpathian region (CLIMFOR), 2014-2015, EEA Grants

- Historical and ethnographic heritage - part of the sustainable development of tourism in Bukovina (HERITAGE); European Union's Cross-Border Cooperation Programme
- Climate variability recorded by glacial deposits and lake sediments; UEFISCDI
- Reconstruction of Romanian river channel changes in the last 11,700 years: the role of climatical conditions and human impact; UEFISCDI
- Site study for monuments and archaeological sites on the territory of Suceava Municipality (within the National Inventory Program eGISpat); County Directorate of Suceava for Culture, Cults and National Cultural Heritage
- Study on risk and hazard phenomena in Suceava County; Suceava County Council

Memberships

1. Member of the European Geosciences Union (since 2008)
2. Member of the Romanian Geomorphologists Association (since 2004)
3. Vice President of the Association of Applied Geography "GEOCONCEPT" (since 2010)

Honours and awards

1. The "Vintilă Mihăilescu" Award of the Romanian Institute of Geography, for the contributions within the International Symposium "Environmental hazards and sustainable developments in mountain regions" (2005)
2. Certificate of Merit for research, development and innovation in the academic year 2012-2013 awarded by the Stefan cel Mare University of Suceava (2014)
3. Certificate of Merit for outstanding results in teaching and student involvement in extracurricular activities awarded by Stefan cel Mare University of Suceava (2018)

Data,
22.02.2022

Semnătura,

