

CURRICULUM VITAE

Name: PATRICHE

Surname: CRISTIAN-VALERIU

Date and place of birth: 17.11.1974, Iași, ROMANIA

Citizenship: Romanian

Marital status: married, 1 child

Home address: 23 Toma Cozma, 700554, Iași, ROMANIA

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High education:

Institution	„Al. I. Cuza” University of Iași, Faculty of Geography and Geology	„Al. I. Cuza” University of Iași, Faculty of Geography and Geology	„Al. I. Cuza” University of Iași, Faculty of Geography and Geology	„Al. I. Cuza” University of Iași, Faculty of Geography and Geology	„Al. I. Cuza” University of Iași, Faculty of Geography and Geology	„Al. I. Cuza” University of Iași,
Period:	10.1993 – 06.1997	10.1997 – 06.1998	10.1998 – 06.1999	10.1999 – 06.2001	11.1997 – 10.2004	10.2010 – 03.2013
Degree	Degree in Geography	Master’s Degree in Dynamic Geomorphology	Master’s Degree in Meteorology- Hydrology	Master’s Degree in Soil Science	Doctor’s Degree in Geography	Postdoctoral research fellow

Professional experience:

Period:	11.1996 – 01.2000	02.2000 – present	10.2010 – 03.2013
Place:	Iași	Iași	Iași
Institution:	Romanian Academy, Department of Iași, „Gh. Zane” Institute of Economical and Social Research, Rural Economy Group	Romanian Academy, Department of Iași, Geography Group	„Al. I. Cuza” University of Iași, Department of Geography
Position:	Research scientist	Research scientist 3 rd degree	Postdoctoral research fellow
Description:	Theoretical and applied research in agricultural land evaluation	Applications of GIS, statistical methods in physical geography (mainly climatology, soil science)	Geostatistics, GIS and Remote Sensing applied in soil science

Member of professional associations:

- Member of the Romanian Professional Association of Geographers
- Member of the Romanian National Society of Soil Science (SNRSS) and the International Union of Soil Science (IUSS)
- Member of the European Geosciences Union (EGU) for 2008
- Founding member of „Terra Nostra” Academic Foundation for Rural Progress, Iasi, Romania
- Founding member of „Vectoris” non-governmental association, Iasi, Romania

Foreign languages: English (very well), French (well)

Research interests:

- climatology, soil science, biophysical land evaluation, statistical analysis (spatial interpolation methods, time series analysis, principal components and factor analysis), GIS, remote sensing

Conference participations, published work

- 96 conference presentations of which 13 at non-romanian conferences;
- 12 published books: 3 – single author; 9 – co-author, 2 – published abroad;
- 74 published articles of which 10 in non-romanian journals;
- 10 collaborations at research contracts and project manager for 4 research contracts

Research projects:

Research project	Position	Period
PHARE: RO 9505 - 04 - 03, Rural development	Collaborator	1998
Economic and social development of Iasi Department. A 2004 perspective. Beneficiary: Iași Department Council	Collaborator	1997
COST 719 (The Use of Geographic Information System in Climatology and Meteorology)	Invited expert	2004 – 2006
CLC 2000 Romania, 2004	Collaborator	2004

<i>CLC 2006 Romania, 2007</i>	Collaborator	2007
<i>Building Institutional Scientific and Technological Framework for national GMES Development through the development of a Land Use Land Cover Information Unified System (LUCIUS), coordinator: Romanian Space Agency (ROSA), financed by the Romanian Ministry of Education and Research</i>	Collaborator	2005 – 2008
<i>CEEX no. 756/2006: Impact of hydro-climatic and pedo-geomorphological risks on the environment in Bârlad Basin, coordinator: „Al. I. Cuza” University of Iași, Faculty of Geography and Geology, Department of Geography, financed by the Romanian Ministry of Education and Research</i>	Collaborator	2006 – 2008
<i>CEEX no. 748/2006: The geochemical atlas of heavy metals in the soils of the municipality of Iasi and its surrounding areas, , coordinator: „Al. I. Cuza” University of Iași, Faculty of Geography and Geology, Department of Geology, financed by the Romanian Ministry of Education and Research</i>	Collaborator	2006 – 2008
<i>Project no. 7038/24.11.2006: Study regarding the prospective evaluation of economical and social development of the rural space in Vaslui Department, coordinator: Romanian Academy, Department of Iași, „Gh. Zane” Institute of Economical and Social Research, financed by de Vaslui Division of Agriculture</i>	Collaborator	2006 - 2008
<i>PHARE RO 2004 016-941.01.01.02: Bilateral management Romania – Republic of Moldavia for biodiversity preservation along the border area between the two countries, coordinator: Iasi Environmental Protection Agency</i>	Collaborator	2006 - 2008
<i>Research grant no. 6135/2000-2001: Soil and Climate Evaluation for Agricultural Purposes in the Area of Central Moldavian Plateau Situated Between the Valleys of Stavnic and Vaslui, coordinator: Romanian Academy, Department of Iasi, Geography Group, financed by the Romanian Ministry of Education and Research</i>	Project manager	2000 – 2001
<i>Research grant no. 33519/2003, 32831/2004: Structure and Functionality of Natural Systems. Application to the Area of Central Moldavian Plateau Situated Between the Valleys of Stavnic and Vaslui, coordinator: Romanian Academy, Department of Iasi, Geography Group, financed by the Romanian Ministry of Education and Research</i>	Project manager	2003 – 2004
<i>Research grant no. 27660 / 2005-2006: Spatial and temporal modelling of soil fertility characteristics together with the identifying and quantification of human induced soil deficiencies, coordinator: Romanian Academy, Department of Iasi, Geography Group, financed by the Romanian Ministry of Education and Research</i>	Project manager	2005 – 2006
<i>CEEX-ET no. 5877/18.09.2006: Predictability and uncertainty in the climate system within the context of global climate change. A geomatical approach, coordinator: Romanian Academy, Department of Iasi, Geography Group, financed by the Romanian Ministry of Education and Research</i>	Project manager	2006 – 2008

Specializations:

- Training within the Summer School: *The Use of GIS in Climatology and Meteorology*, organised within COST719 project, CNR-IBIMET, 26-30 September 2005, Florence, Italy.
- Training at SEIGAD Institute (Systèmes Environnementaux, Information Géographique et Aide à la Décision), „J. Fourier” University, Grenoble, France, within the framework of COST 719 project, June-July 2002, focused on spatial interpolation of air temperatures in the French Alps.
- Training within the programme: *The management of non-governmental organisations*, organized by Partners for Local Development Foundation, financed by GRASP, 1-4 November 2004, Târgu Mureș, Romania.
- Participation in the students exchange between the „Al. I. Cuza” of Iași and Paris VII Denis Diderot University focused on regional sustainable development and environmental quality, 1996.

Other:

- Expert evaluator for national research projects for 2006, 2008 and 2010 competitions.

23.02.2011