

PERSONAL INFORMATION

Lucian-Ionuț Roșu

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WORK EXPERIENCE

01/10/2017–2021

Teaching assistant

Alexandru Ioan Cuza University, Iasi (Romania)

- Conceiving, designing and organizing seminar activities, annual projects, practical studies and laboratory in the field of Spatial statistics, territorial planning and quality of life, Designing tourism practices.

2021 – Present

Lecturer Phd

Alexandru Ioan Cuza University, Iasi (Romania)

- Conceiving, designing and organizing seminar activities, annual projects, practical studies and laboratory in the field of Spatial statistics, territorial planning and quality of life, Designing tourism practices.

01/10/2017–01/02/2018

Scientific Researcher

Iași Municipality

- Responsible for developing the Tourism strategic framework of Iasi Municipality in the context of spatial planning.

01/04/2020 – Present

Scientific Researcher

Neamt County Council

-Responsible for developing the Tourism Strategic framework for Neamt Council

01/08/2011–01/10/2017

Associate professor

Alexandru Ioan Cuza University - Iasi, Iasi (Romania)

01/10/2016–01/04/2017

Researcher

Alexandru Ioan Cuza University, Iasi (Romania)

Planning Thematic Routes in the spatial context of Iasi Municipality

01/04/2014–31/12/2014

Research Assistant

ESPON - Alexandru Ioan Cuza University, Iași (Romania)

Dissemination of ESPON concepts at local and regional level - ESPON on the ROAD project

EDUCATION AND TRAINING

01/08/2011–30/07/2016

PhD

EQF level 8

University Alexandru Ioan Cuza - Faculty of Geography and Geology, Iași (Romania)

Evaluating quality of urban life using a multi-scale approach. Case Study: Iași Municipality

01/08/2009–30/06/2011

Master's Degree

EQF level 7

Alexandru Ioan Cuza University, Faculty of Geography and Geology, Iași (Romania)

Regional Development

Statistics

Thematic Cartography and GIS

Urban Studies

01/08/2006–30/06/2009

Bachelor Degree

EQF level 6

Alexandru Ioan Cuza University, Iași (Romania)

Human Geography

Physical Geography

Urban and Rural Geography

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	B2	B2	B2	C1
French	B2	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Communication skills gained from involvement during university studies in a number of projects (social, scientific, educational, motivational) made after volunteering in different associations.
Effective communication skills gained from involvement in disciplinary actions (organization of symposium and scientific congresses).

Organisational / managerial skills Teamwork acquired in numerous projects and events organization with a multidisciplinary and scientific background.
Team management skills gained in the organized mountaineering expeditions during the past 6 years (Alps, Atlas, Pamir, Carpathians, Caucasus)
Good experience in project management and team work gained from managing two projects developed together with Iasi Municipality.

Job-related skills Training and scientific coordination of students through coordination of bachelor and scientific projects.
Good knowledge of Geographical Information Systems and Geospatial and geostatistical methods
Good knowledge of (online) mapping software (ESRI Software, PhilCarto, Envi 4)
Good knowledge of interdependent relationships within planning in urban areas gained from scientific projects feasible.

Digital skills Use of Microsoft Office™ (Word™, Excel™ and PowerPoint™) gained in organization and realization of seminars Applied Informatics in Tourism Geography
Constant use of processing of imaging and software - Corel Draw™, Adobe Lightroom, Adobe Illustrator, Adobe Indesign .
Expert use of GIS (Geographic Information System) - ArcGIS™, ENVI gained from participation in courses organized by ESRI Romania.
Using 3d modelling software (Blender, Agisoft, Sketchup) and dedicated softwares for 3d printing

(Prusa Slicer)

Other skills Organizing mountain expeditions in the past 6 years in various mountain ranges in the world (Pamir Alps, Atlas, Caucasus, the Carpathians) with notable achievement for performance and the Romanian mountaineering world.

ADDITIONAL INFORMATION

Publications

A. Research articles

- [1] Breabăn I., Ceucă C., Rusu S., Stoican A., Roșu L., Țibuleac C. - Agricultural land use changes in the Valea Lupului between 1965 – 2010, Universitatea de Științe Agricole și Medicină Veterinară "Ion Ionescu de la Brad" Iași -lucrări științifice – vol. 53/2010, seria Agronomie;
- [2] Stoican A., Rusu S., Ceucă C., Roșu L., Breabăn I.- Present and prospects for the rural development of villages from Obcina Mestecaniș region, Universitatea de Științe Agricole și Medicină Veterinară "Ion Ionescu de la Brad" Iași -lucrări științifice – vol. 54/2011, seria Agronomie;
- [3] Iacob C., Rosu L., Blageanu A- Cellular Automata for urban growth, Geographica Timisiensis, Volume XXI 2012/2.
- [4] Blăgeanu A., Iacob C., Roșu L. - Simulation of suburban development features based on scenarios in the eastern side of Iasi city, Geographia Napocensis Anul VI, Nr. 2, 2012;
- [5] Roșu L., Oiște A,- Defining critical areas through dispersion and density of vegetation index in relation with population. Study case: Iași city, Present Environment and Sustainable Development vol. 7, no. 2, 2013;
- [6] Roșu L., Blăgeanu A., Iacob C., - Geomarketing - a new approach in decision marketing: case study – shopping centres in Iasi, Lucrările seminarului geografic "Dimitrie Cantemir" nr. 36, 2013.
- [7] Roșu L., Corodescu E., - Measuring distribution and derived inequalities in accessing urban green spaces within Iași city (Romania), Analele Universității din Oradea – Seria Geografie Year XXIII, no. 2/2013;
- [8] Roșu L. - Metode de analiză a accesibilității populației la mijloacele de transport în comun. Studiu de caz: Municipiul Iași, Geographia Napocensis Anul VII, Nr. 2, 2013 ;
- [9] Blăgeanu A., Roșu L. – Accesibility to general amenities; Determining the attractiveness of metropolitan Area of Iași City, Geographica Timisiensis Volume XXIII 2013/2.
- [10] Roșu L., Oiște A. M., - Urban landscape patterns of Iași city. Analysing city relations between urban land use, topography and inhabitants pressure upon urban morphology, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Agriculture, Vol 71, No 1 (2014).
- [11] Roșu L., - Exploring the walkability concept in a post-socialist city through GIS analysis. The case study of Iași, Romania. Analele Științifice ale Universității „Al. I. Cuza” Iași, Tom LX, nr.2, s. II –c, Geografie 2014;
- [12] Rusu A., Bănică A., Buraga A., Roșu L., - Delineating catchment areas for the Eastern European Airports in 2010, Analele Științifice ale Universității „Al. I. Cuza” Iași, Tom LX, nr.1, s. II –c, Geografie 2014;
- [13] Thiam S., Roșu L., Faye O., Niang A.D., Muntele I. - Accesibility to basic urban services in Mbour City (Senegal): An approach based on geographical information system, Present Environment and Sustainable Development, Vol. 9, no. 1, 2015
- [14] Tudora D., Roșu L., Eva M., Dimitriu R., Rusu A., - Using factorial analyses for highlighting patterns of territorial development. The case study of Romania., International Journal of Technical Research and Application e-ISSN 2320-8163. Special Issue 13 (Jan-Feb 2015)
- [15] Roșu L., - The urban transformations of a post-socialist city centre. The socialist relicts and current identity of Iași historical city centre. Lucrările Seminarului Geografic Dimitrie Cantemir, nr. 40, 2015
- [16] Roșu L., Corodescu E., Blăgeanu A., - Does geographical location matter? Assessing spatial patterns in perceived quality of life in European Cities. European Journal of Geography, Volume 6, No 2, 2015
- [17] Roșu L., Blăgeanu A. - Evaluating issues and performances of a public transport network in a post-socialist city using quantitative spatial approach, Urbani Izziv, volume 26, number 2, December 2015.
- [18] Cehan A., Bulai M., **Roșu L.**, - Using GIS techniques and geotagging to assess tourism density

and attractiveness in the city of Iași, Romania, Abstracts & Proceedings of SOCIOINT 2016- 3rd International Conference on Education, Social Sciences and Humanities, 23-25 May 2016- Istanbul, Turkey

[19] Bănică A., Grozavu A., **Roșu L.**, Muntele I., - Aspects concerning seismic vulnerability of buildings in Iași city, Romania, 16th edition of the SGEM International GeoConferences, SGEM2016 Conference Proceedings

[20] Grozavu A., Muntele I., Bănică A., Roșu L., Stângă I., - A model for mapping physical vulnerability to landslides, 16th edition of the SGEM International GeoConferences, SGEM2016 Conference Proceedings

[21] Bulai M., Eva M., **Roșu L.**, - *Analysis of Tourism features and Development Strategy for Memorial Complex "Imam Al Bukhari", Samarkand region, Uzbekistan*, *Tekhne*, Volume 14, Issue 2, December 2016.

[22] Banica A., **Roșu L.**, Muntele I., Grozavu A., - *Towards Urban Resilience: A Multi-Criteria Analysis of Seismic Vulnerability in Iasi City (Romania)*, *Sustainability*, Volume 9, number 2, February 2017

[23] **Roșu L.**, Istrate, M., & Bănică, A. (2018). *Passenger car dependency and consequent air pollutants emissions in Iasi Metropolitan Area (Romania)*. *Environmental Engineering & Management Journal (EEMJ)*, 17(4).

[24] Bulai, A. T., **Roșu L.**, & Bănică, A. (2019). Patterns of urban fire occurrence in Iasi city (Romania). *Present Environment & Sustainable Development*, 13(2), 2019

[25] Dinter., O., **Roșu L.**, (2021). *Evaluating the Potential Conflicts of Collective Housing Development in the Suburbs of Iași, Romania*, *Journal of Settlements and Spatial Planning*.

[26] Opria, Ana-Maria, **Lucian Roșu**, and Corneliu Iațu. "LEADER Program—An Inclusive or Selective Instrument for the Development of Rural Space in Romania?." *Sustainability* 13.21 (2021): 12187.

B. Books & book chapters

[1] "Iași – șapte trasee turistice tematice. Manual de explorare urbană" (coordinator - Mihai Bulai). Editura Universității Alexandru Ioan Cuza Iași.

[2] "Reziliența urbană și transformările orașului post-socialist. Exemplul municipiului Iași" în *Reziliența și teritoriu – Operaționalizarea conceptuală și perspective metodologice* (coordinator Alexandru Bănică, Ionel Muntele), Editura Terra Nostra, 2015

[3] "O scurtă introducere a conceptului de calitate a vieții" în *Calitatea vieții și reziliența sistemelor geografice* (coordinator Ionel Muntele, Alexandru Bănică, Constantin Rusu), Editura Universitatea Alexandru Ioan Cuza, 2020);

[4] "Moldova Accesibilă" – Analiza Fluxurilor de persoane și de trafic rutier din regiune (coordinator George Țurcănașu) autori – **Lucian Roșu**, Eva Mihail, Adrian Covășianu – **Editura Altfel Iași 2020**

[5] **ATLAS. 20 DE FRANCOPHONIE EN EUROPE CENTRALE ET ORIENTALE 2014** (coordinator – Octavian Groza, autori Roșu Lucian, Alexandru Rusu et all) - Alexandru Ioan Cuza University Press, 2014

C. Scientific reports

[1] Raportul anual al Punctului de Contact Espon din România decembrie 2011 – România în rapoartele ESPON din perspectiva accesibilității teritoriale - (coordonatori Octavian Groza, Alexandru Rusu, Ionel Muntele), Editura Universității Alexandru Ioan Cuza Iași, 2018.

[2] Raportul anual al Punctului de Contact Espon din România decembrie 2012 – România în rapoartele ESPON din perspectiva Strategiei Europa 2020 - (coordonatori Octavian Groza, Alexandru Rusu, Daniel Tudora), Editura Universității Alexandru Ioan Cuza Iași.

D. Doctoral thesis

Evaluating quality of urban life using a multiscale approach. Case Study: Iași Municipality

Research Interest

Spatial perspective upon quality of life

Urban Planning and post-socialist transition

Urban resilience

Emergence of tourism in spatial and temporal geographical space

New technologies in applied geoinformatics
3d Printing and Drone photogrammetry