

PERSONAL INFORMATION


Mădălina – Elena Popa

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Sex Female | Date of birth 02/06/1987 | Nationality Romanian

WORK EXPERIENCE

January 2016 - present

Research Assistant

University of Bucharest, Faculty of Geography

- marine spatial planning, sustainable development, ocean governance, integrated coastal zone management, GIS, Blue Growth; fieldwork campaigns on Romanian Black Sea coast; preparation of scientific articles and participation in symposia/conferences

October 2015 - present

Business or sector Research

PhD Candidate - Collaborator

University of Bucharest, Faculty of Geography

- Regional Geography of Romania: Carpathians and Subcarpathians seminars

February 2015 – May 2015

Business or sector Education and Research

Operator for data correction

SIVECO Romania S.A.

- Data correction and updating the databases in ArcGIS Desktop

October 2014 – February 2015

Business or sector IT

PhD Candidate - Collaborator

University of Bucharest, Faculty of Geography

- Regional Geography of Romania: Carpathians and Subcarpathians seminars

Business or sector Education and Research

EDUCATION AND TRAINING

October 2014 - present

PhD Candidate

University of Bucharest, Faculty of Geography

- Marine Spatial Planning, Coastal Geomorphology, Oceanography, Remote Sensing, GIS

2012 - 2014

Master diploma in Geomorphology

University of Bucharest, Faculty of Geography

- Photogrammetry, Statistics, Cartography, Slopes dynamics, Dynamic Geomorphology

2009 - 2012

Bachelor diploma in Geography

University of Bucharest, Faculty of Geography

- 2002 - 2006
- Oceanography, Hydrology, Geomorphology, Climatology, Environmental Sciences
- Baccalaureate diploma**
- „Dimitrie Bolintineanu” College, Bucharest
- Philology Profile

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B2	B2	B1	B1	B1
Spanish	B2	B1	B1	B1	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework for Languages](#)

Communication skills

- good communication skills gained through all the activities developed throughout the years of study
- good ability to adapt and team spirit

Organisational / managerial skills

- experience in coordinating the team of volunteers from the Faculty of Geography at the 2013 Aquafest Festival
- member of the organizing committee (technical secretary) of the XXXIth National Symposium of Geomorphology, 21 – 24 May 2015, Sfântu Gheorghe, Romania
- member of the organizing committee of the workshop “Creating the framework for Maritime Spatial Planning in Romania”, June 17 2016, Constanța, Romania

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- GIS software: ArcGIS, Quantum GIS, Ilwis
- Microsoft Office: Word, Excel, Power Point, Access
- Statistical analysis software: Matlab, SPSS, MVSP
- Graphic design software: GIMP, Inkscape

ADDITIONAL INFORMATION

Publications

1. VĂIDIANU, N., TĂTUI, I., RISTEA (Popa), M., STĂNICĂ, A., 2019 (accepted). Managing Coastal Resources and Uses through Multi-Scale Governance Structures in Romania, Marine Policy.
2. VĂIDIANU, N., RISTEA (Popa), M., 2018. Marine Spatial Planning in Romania: State of the art and evidence from stakeholders, Ocean & Coastal Management, 166, 52-61, <https://doi.org/10.1016/j.ocecoaman.2018.03.017>
3. RISTEA, M., TĂTUI, F., 2017, Coastal storms risk assessment for Mamaia and Eforie Barriers, Proceedings of the Romanian Geomorphology Symposium, Iași, 11 – 14 May 2017.
4. VĂIDIANU, N., RISTEA, M., SIRODOEV, I., SAGHIN, I., MERCIU, C., 2017. Development of an Integrated Framework for Marine Spatial Planning in Romania – architecture and implementation approaches, Proceedings of MARSPLAN International Conference, Constanta, 3 - 4 May 2017.

International conferences

1. Vaidianu, N., Tatui, F., Iosub, F., Copăcenaru, O., Popa (Ristea), M., Designing a Web-GIS platform for Marine Spatial Planning in Romanian Black Sea, ICS 2020, 20-23 April 2020, Seville, Spain.
2. Tatui, F., Parvan, M., Stroe-Vespremeanu, A., Preoteasa, L., Popa (Ristea), M., Vaidianu, N., Zainescu, F., et al. Sensitivity of Black Sea Coasts to Erosion and Flooding: An Index Based Approach, EGU 2019, Wien.
3. Vaidianu, N., Popa (Ristea), M., Analysing land-sea interactions, Ocean Governance Conference, 11-12 June 2018, Aveiro, Portugal.
4. Vaidianu, N. Tatui, F., Ristea, M., Managing coastal resources and uses through multi-scale governance structures in Romania, Ocean Governance Conference, 15-17 November 2017, Santa Cruz de Tenerife, Spain.
5. Văidianu, N., Ristea, M., Development of an Integrated Framework for Marine Spatial Planning in Romania, MARSPLAN International Conference Maritime Spatial Planning in the Black Sea, Constanța, 3-4 May 2017.
6. Văidianu, N., Ristea, M., Can Romania achieve its 2021 MSP target? A scenario based on modelling and input from stakeholders, MaPSIS - Maritime Spatial Planning, Ecosystem Approach and Supporting Information Systems, Las Palmas de Gran Canaria, 24-28 April 2017.
7. Văidianu, N., Ristea, M., 2nd International Conference on Marine/Maritime Spatial Planning, 15-17 March 2017, UNESCO, Paris.
8. Văidianu, N., Ristea, M., Development of an integrated framework for Marine Spatial Planning in Romania, Black Sea from Space Workshop, 28-30 September 2016, Constanța, Romania.
9. Ristea, M., Sensitivity assessment to erosion of the Romanian Black Sea coast, ECOSMART International Conference – Environment at a Crossroads: SMART approaches for a sustainable future, 12 – 15 November 2015, Bucharest, Romania
10. Cluiș, M., Ristea, M., Gaps in transforming the national parks of Romania in ecotourism destinations. Case study: National Park Domogled – Cerna Valley, ECOSMART International Conference – Environment at a Crossroads: SMART approaches for a sustainable future, 12 – 15 November 2015, Bucharest, Romania
11. Ristea, M., Morphodynamic classification of beaches on the romanian Black Sea coast”, The Annual Scientific Meeting “Changing Geographies and Societies, November 15 2014, Bucharest, Romania.
12. Cluiș, M., Teleucă, A., Călin, I., Ristea, M., David, O., Tourist’s perception regarding the facilities in a national park. Case study: Ceahlău National Park, The Annual Scientific Meeting “Environment, Society and Geospatial Technology”, November 16 2013, Bucharest, Romania.

13. Clius, M., Călin, I., Teleucă, A., Ristea, M., Use of modern educational resources for the optimization of geography teaching in Romania, The Annual Scientific Meeting “Environment, Society and Geospatial Technology”, November 16 2013, Bucharest, Romania.

National conferences

1. Ristea M., Tătui F., (2017), “Coastal storms risk assesment for Mamaia and Eforie Barriers”, National Symposium of Geomorphology, 11 – 14 May, Iași, Romania
2. Ristea M., (2016), “Spatial distribution of the Coastal Sensitivity Index on the Romanian Black Sea coast”, National Symposium of Geomorphology, 19 – 22 May, Piatra Neamț, Romania
3. Ristea M., (2014), “Applying a conceptual model in the classification of Romanian beaches”, The Scientific Session of PhD Students, 7th Edition, 25 October, Bucharest, Romania

Research projects

1. Creating an innovative and operational participatory platform for connecting science, stakeholders and legislation to a successful maritime spatial planning in Romania, financed by The Executive Agency for Higher Education, Research, Development and Innovation Funding, Romania (2018-2020)
2. Changes in storminess and coastal erosion induced by climate variability along the Black Sea coasts. Management and adaptation, financed by ERA-NET (7th Framework Programme) (2016-2018)
3. Development of an integrated framework for Marine Spatial Planning in Romania, financed by The Executive Agency for Higher Education, Research, Development and Innovation Funding, Romania (2015-2017)

Seminars, workshops and trainings

1. COST OceanGov – Land-Sea Interactions Training School, February 27th – March 1st 2019, Ovidius University, Constanța, Romania
2. RISC-KIT II “Summer” School “Disaster Risk Reduction for Coastal Areas”, 16 – 20 January 2017, Faro, Portugal
3. RISC-KIT Summer School “Disaster Risk Reduction for Coastal Areas”, 12 – 16 September 2016, Ferrara, Italy
4. “Planning the sea: MARXAN as a tool for operational Maritime Spatial Planning”, International short course on Marxan, 11 – 13 January 2016, CNR-ISMAR, Venice, Italy
5. “Practice of simulation modelling in marine sector” Workshop, DHI, December 10th 2014, Constanța, Romania
6. “Social Responsibility in tourism projects” Regional Seminar, project co-financed from the European Social Fund through Human Resources Development Operational Programme 2007 – 2013, 26 - 27 April 2013, Râșnov, Romania

Memberships

Member of COST Action Ocean Governance for Sustainability - Challenges, Options and the Role of Science (2016-2020)
 Member of the Geomorphology Association in Romania
 Member of the Sfântu Gheorghe Marine and Fluvial Research Centre