



## Europass Curriculum Vitae

### Personal information

First name / Surname

**Laurentiu ROZYLOWICZ**

address

1 Nicolae Balcescu, 010041, Bucharest, Romania

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ORCID ID

<https://orcid.org/0000-0001-7174-032X>

### Work experience

Dates

From 2015

Occupation or position held

University of Bucharest, Head of Center for Environmental Research

Main activities and responsibilities

research activities, project management

Name and address of employer

Center for Environmental Research, 1, Bd. Nicolae Balcescu, 010041, Bucharest, Romania

Type of business or sector

research, university

Dates

From 2013

Occupation or position held

Professor

Main activities and responsibilities

Teaching activities for undergraduate studies: Ecology, Conservation biogeography, Terrestrial biomes, Environmental impact assessment  
Teaching activities for undergraduate studies: Scientific writing, Conservation biology  
PhD supervisor

Name and address of employer

University of Bucharest, Faculty of Geography, Regional Geography Dept., 1, Bd. Nicolae Balcescu, 010041, Bucharest, Romania

Type of business or sector

Teaching and tutorial activities in ecology, biogeography, environmental impact assessment and conservation biology

Dates

1999-2015

Occupation or position held

Researcher/Senior researcher

Main activities and responsibilities

Projects elaboration, field work, lab work, project management

Name and address of employer

Center for Environmental Research and Impact Studies, 1, Bd. Nicolae Balcescu, 010041, Bucharest, Romania

Type of business or sector

Conservation biology, ecology, GIS, EIA

Dates

2013-present

Occupation or position held

vicepresident of Chelonia Romania (NGO)

Main activities and responsibilities

coordinating conservation activities

Name and address of employer

Chelonia Romania, Bucharest

Type of business or sector

NGO

Dates

2002-2013

Occupation or position held

Associate professor / lecturer / teaching assistant

Main activities and responsibilities

Teaching activities at undergraduate and graduate level: Ecology, Conservation biology, Conservation biogeography, Terrestrial biomes, Protected areas management

Name and address of employer

University of Bucharest, Faculty of Geography, Regional Geography Dept., 1, Bd. Nicolae Balcescu, 010041, Bucharest, Romania

Type of business or sector

Tutorial activities in ecology, biogeography, environmental impact assessment and conservation biology

Dates

1996-2008

Occupation or position held

Conservation and raising awareness coordinator

Main activities and responsibilities writing proposal, grant director, relation with authorities  
 Name and address of employer Carpathian-Danubian Center for Geology str. Brasov, 16, Bucharest, Romania  
 Type of business or sector NGO

**Education and training**

Dates 2014  
 Title of qualification awarded Habilitation  
 Principal subjects/occupational skills covered Conservation biogeography of Romania's species and protected areas  
 Name and type of organisation providing education and training West University of Timisoara  
 Level in national or international classification Habilitation  
 Dates 2000-2006  
 Title of qualification awarded PhD in Geography  
 Principal subjects/occupational skills covered Biogeography and conservation biology / Species distribution models for Hermann (*Testudo hermanni* Gmelin, 1759) in Romania  
 Name and type of organisation providing education and training University of Bucharest  
 Level in national or international classification PhD  
 Dates 1998-1999  
 Title of qualification awarded Master - landscape management  
 Principal subjects/occupational skills covered Landscape ecology, regional management, GIS  
 Name and type of organisation providing education and training University of Bucharest  
 Level in national or international classification MSc  
 Dates 1994-1998  
 Title of qualification awarded Bachelor - environmental science  
 Principal subjects/occupational skills covered EIA, GIS, biogeography, environmental geography, protected areas  
 Name and type of organisation providing education and training University of Bucharest  
 Level in national or international classification BSc

**Professional affiliation**

Society for Conservation Biology; Ecological Society of America; Chelonia Romania

**Personal skills and competences**

grant writings, managing research grants, designing research, statistics, GIS, field techniques in ecology, natural resource management

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	C1	Proficient user
B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

## Grants (selection)

1. 2017-2019: A social network approach for assessing sustainability of traditionally managed grasslands in a policy-driven management context, PN-III-P4-ID-PCE-2016-0483, UEFISCDI – principal investigator
2. 2017-2018: Argos based applications for real time wildlife monitoring in Romania (BioMoveFix), PN-III-P2-2.1-PED-2016-0568, UEFISCDI – principal investigator
3. 2015-2017: Integrating social network theory into systematic conservation planning, PN-II-RU-TE-2014-4-1039, UEFISCDI – principal investigator
4. 2015-2017: Incorporating sources of uncertainty in large carnivore management and conservation in Romania, PN-II-RU-TE-2014-4-0058, UEFISCDI – senior researcher
5. 2011-2016: LIFE10NAT/RO/00740 Improving the conservation status for priority species and habitats in Iron Gates Wetlands, EU - DG Environment LIFE III – technical manager
6. 2011-2014: Multi-scale spatial planning for conservation: accounting for habitat dynamics and uncertainty in planning inputs, PN-II-RU-TE-2011-3-0183, UEFISCDI – principal investigator
7. 2008-2009: Securing the future of Hermann tortoise (*Testudo hermanni* subsp. *boettgeri*) in SW Romania, Rufford Small Grant, Rufford Small Grants for Nature Conservation, UK - principal investigator
8. 2005-2009: LIFE05NAT/RO/000170 „Enhancement of large carnivore protection in Vrancea county”, EU - DG Environment, LIFE III – part time project officer
9. 2002-2005: LIFE02NAT/RO/8576, „In situ conservation of large carnivores in Vrancea County”, EU - DG Environment, LIFE III – part time project officer
10. 2005-2010: LIFE05NAT/RO/000155, Ecological Restoration of the Lower Prut Floodplain Natural Park, Comisia Europeana, LIFE III – part time staff members
11. 2000-2005: LIFE00NAT/RO/7171, Iron Gates Natural Park – habitat conservation and management, Comisia Europeana, LIFE part time staff members

## Scientific articles (selection)

1. Nita A., Ciocanea C.M., Manolache S., **Rozyłowicz L.** (2018) *A network approach for understanding opportunities and barriers to effective public participation in the management of protected areas*. Social Network Analysis and Mining (in press)
2. Pop I.M., Bereczky L., Chiriac S., Iosif R., Nita A., Popescu V.D., **Rozyłowicz L.** (2018) *Movement ecology of brown bears (*Ursus arctos*) in the Romanian Eastern Carpathians*, Nature Conservation (in press)
3. Pop M.I., Iosif R., Miu I., **Rozyłowicz L.**, Popescu V.D. (2018) *Combining resource selection functions and home-range data to identify habitat conservation priorities for brown bears*. Animal Conservation (early view)
4. Manolache S., Nita A., Ciocanea C.M., Popescu V.D., **Rozyłowicz L.** (2018) *Power, influence and structure in Natura 2000 governance networks. A comparative analysis of two protected areas in Romania*. Journal of Environmental Management, 212, 54–64.
5. **Rozyłowicz L.**, Nita A., Manolache S., Ciocanea C.M., Popescu V.D. (2017), *Recipe for success: A network perspective of partnership in nature conservation*. Journal for Nature Conservation 38: 21-29
6. Manolache S., Ciocanea C.M., **Rozyłowicz L.**, Nita A. (2017), *Natura 2000 in Romania – A Decade of Governance Challenges*. European Journal of Geography 8(2): 24-34
7. Nita A., **Rozyłowicz L.**, Manolache S., Ciocanea C.M., Miu I., Popescu V.D. (2016), *Collaboration Networks in Applied Conservation Projects across Europe*, PLOS ONE, 11(10)
8. Popescu, V.D., Artelle, K., Pop M., Manolache S., and **Rozyłowicz L.** (2016), *Assessing biological realism of wildlife population estimates in data-poor systems*. Journal of Applied Ecology 53(4): 1248-1259
9. Tudor CA, Iojă IC, **Rozyłowicz L.**, Stupariu I, Hersperger AM (2015) *Similarities and differences in the assessment of land-use associations by local people and experts*, Land Use Policy 49: 341–351

10. Niță A, Butler A, **Rozyłowicz L**, Pătru-Stupariu I (2015) *Perception and use of landscape concepts in the procedure of Environmental Impact Assessment: Case study—Switzerland and Romania*. Land Use Policy 44:145–152.
11. Popescu DV, **Rozyłowicz L**, Niculae IM, Cucu LA, Hartel T (2014) *Species, habitats, society: An evaluation of research supporting EU's Natura 2000 network*, PLoS ONE 9(11): e113648.
12. Hartel T, Sos T, Popescu VD, Băncilă RI, Cogălniceanu D, **Rozyłowicz L** (2014) *Amphibian conservation in traditional cultural landscapes: the case of Central Romania*. North-Western Journal of Zoology 10: Supplement 1: S51-S61.
13. Mikoláš M, Svoboda M, Pouska V, Morrissey RC, Donato DC, Keeton WS, Nagel T, Popescu VD, Müller J, Bässler C, Knorn J, **Rozyłowicz L**, Enescu MC, Trotsiuk V, Janda P, Mrhalová H, Michalová Z, Krumm F, Kraus D, 2014, *Comment on the "Opinion paper: Forest management and biodiversity": The role of protected areas is greater than the sum of its number of species*. Web Ecology 14:61-64.
14. Niță MR, Iojă IC, **Rozyłowicz L**, Onose D, Tudor A, 2014, *Land use consequences of cemeteries evolution in Bucharest Metropolitan Area*, Journal of Environmental Planning and Management 57:1066-1082.
15. Popescu DV, **Rozyłowicz L**, Cogălniceanu D, Niculae MI, Cucu LA, 2013, *Moving into protected areas? Setting conservation priorities for Romanian reptiles and amphibians at risk from climate change*. PLoS ONE 8(11): e79330.
16. Matache ML, Marin C, **Rozyłowicz L**, Tudorache A, 2013, *Plants accumulating heavy metals in the Danube river wetlands*, Journal of Environmental Health Science and Engineering, 11: 39.
17. Cogălniceanu D, **Rozyłowicz L**, Székely P, Samoilă C, Stănescu F, Tudor M, Székely D, Iosif R, 2013, *Diversity and distribution of reptiles in Romania*. Zookeys 341: 49–76.
18. Cogălniceanu D, Székely P, Samoilă C, Iosif R, Tudor M, Plăiașu R, Stănescu F, **Rozyłowicz L**, 2013, *Diversity and distribution of amphibians in Romania*, ZooKeys 296: 35-57.
19. Iosif R, **Rozyłowicz L**, Popescu DV, 2013, *Modeling road mortality hotspots of Eastern Hermann's tortoise in Romania*. Amphibia-Reptilia 34: 163 – 172.
20. **Rozyłowicz L**, Popescu DV, 2013, *Habitat selection and movement ecology of Eastern Hermann's tortoise in a rural Romanian landscape*. European Journal of Wildlife Research 59(1): 47-55.
21. David IG, Matache ML, Tudorache A, Chișamera G, **Rozyłowicz L**, Radu LG, 2012, *Food chain biomagnification of heavy metals in samples from the Lower Prut Floodplain Natural Park*. Environmental Engineering and Management Journal 11(1): 69-73.
22. **Rozyłowicz L**, Popescu DV, Pătroescu M, Chișamera G, 2011, *The potential of large carnivores as conservation surrogates in the Romanian Carpathians*. Biodiversity and Conservation 20: 561–579.
23. Iojă CI, **Rozyłowicz L**, Pătroescu M, Nita M.R, Vanau GO, 2011, *Dog walkers' vs. other park visitors' perceptions: The importance of planning sustainable urban parks in Bucharest, Romania*. Landscape and Urban Planning 103: 74-82.
24. Iojă CI, Pătroescu M, **Rozyłowicz L**, Popescu VD, Vergheteș M, et al., 2010, *The efficacy of Romania's protected areas network in conserving biodiversity*. Biological Conservation 143: 2468-2476.
25. **Rozyłowicz L**, Chiriac S, Radu SM, Manolache S, 2010, *The habitat selection of a female lynx (Lynx lynx) in the northwestern part of the Vrancea Mountains, Romania*. North-Western Journal for Zoology 6: 122-127.
26. **Rozyłowicz L**, Dobre M, 2010, *Assessment of threatened status of Testudo hermanni boettgeri Mojsisovics, 1889 (Reptilia: Testudines: Testudinidae) population from Romania*. North-Western Journal for Zoology 6: 190-202.
27. Matache ML, **Rozyłowicz L**, Hura C, Matache M, 2006, *Organochlorine Pesticides – a Threat on the Herman's Tortoise Perpetuation*, Organohalogen Compounds 68,728-731.
28. Matache ML, Iojă C, Hura C, **Rozyłowicz L**, 2006, *Organochlorine Compounds (Ddt, Hch) Concentration In Sediments Collected From The Lower Sector Of The Arges River, Romania*, Organohalogen Compounds 68, 436-439.

29. Matache ML, **Rozyłowicz L**, Patroescu C, Ropotă M, 2004, *Sterile deposits impact on environmental quality in the Moldova Nouă region*; Journal for Environmental Protection and Ecology 5(2), 247-353.
30. **Rozyłowicz L**, Tetelea, C, Popescu, V, 2003, *Potential habitats of Hermann's tortoise (Testudo hermanni boettgeri, Mojsisovcic, 1888) in the Iron Gates Natural Park, Romania*, Proceedings of the First International Conference on Environmental Research and Assessment, Editura Ars Docendi, București, pg. 355-366.

### Books

1. Patroescu, M., Ioja, I., **Rozyłowicz, L.**, Vanau, G., Nita M., Patroescu-Klotz, I., Ioja, A., 2012, *Evaluarea integrată a calitatii mediului în spații rezidențiale*, Editura Academiei Române.
2. **Rozyłowicz, L.**, 2008, *Metode de analiză a distribuției areal-geografice a țestoasei lui Hermann (Testudo hermanni Gmelin, 1789) în România. Studiu de caz: Parcul Natural Porțile de Fier*, Ed. Universității din București, București.
3. Primack, R.B., Pătroescu, M., **Rozyłowicz, L.**, Ioja, I., 2008, *Fundamentele conservării diversității biologice*, Ed. AGIR, București.
4. Pătroescu, M., Chincea, I., **Rozyłowicz, L.**, Sorescu, C., (Eds.), 2007, *Pădurile cu pin negru de Banat – sit Natura 2000*, Ed. Brumar, Timișoara.
5. Primack, R.B., Pătroescu, M., **Rozyłowicz, L.**, Ioja, I., 2002, *Conservarea diversității biologice*, Ed. Tehnică, București.

### Book chapters

1. Cogalniceanu D., **Rozyłowicz, L.**, 2015, *Amphibian Conservation and Decline in Romania*, In Heatwole, H., Wilkinson, J., Amphibian Biology, vol. 11 part 4: Status of Conservation and Decline of Amphibians: Eastern Hemisphere: Southern Europe & Turkey, Pelagic Publishing, Exeter, UK.
2. Angelstam P, Elbakidze M, Axelsson R, Čupa P, Halada LU, Molnar Z, ... , Stupariu-Pătru IG, **Rozyłowicz L**, Törnblom J, 2013. *Maintaining cultural and natural biodiversity in the Carpathian Mountain ecoregion: need for an integrated landscape approach*. In Kozak, J., Katarzyna, O., Bytnerowicz, A., Wyżga, B. (eds.) The Carpathians: Integrating Nature and Society Towards. Springer Berlin Heidelberg, 393-424.
3. Ioja, C., **Rozyłowicz, L.**, Pătroescu, M., Niță, M., Onose, D., 2011, *Agriculture and conservation in the Natura 2000 network – a sustainable development approach of the European Union*, in Andreopoulou, Z., Manos, B, Polman, N., Viaggi, D. (eds), Agricultural and Environmental Informatics, Governance, and Management: Emerging Research Applications, IGI Global, Hershey, Pennsylvania, 52-60.
4. Matache, M.L., **Rozyłowicz, L.**, 2006, Chapter 13 - *The use of computers in geographical education and research at University of Bucharest*, In Karl Donert (ed), Computers in geographical education: a European perspective on developing exciting Geography, Ed. Cartea Universitară, București, 113-122.
5. Pătroescu, M., **Rozyłowicz, L.**, 2000, *Natural Transborder parks: the direction of biodiversity preservation in Romania*, In Crabbe P., Holland A., Ryszkowski L., Westra L. (eds) Implementing Ecological Integrity, Restoring Regional and Global Environmental and Human Health, 1, Kluwer Academic Publisher, NATO Science Series, IV. Earth and Environmental Security, 101-113.

### Professional membership

1. British Ecological Society (since 2010)
2. Ecological Society of America (since 2011)
3. Society for Conservation Biology (since 2006)

### Frequent reviewer

Biological Conservation, Naturwissenschaften, Biodiversity and Conservation, International Journal of Biodiversity Science, Ecosystem Services & Management, North-Western Journal of Zoology, Environmental Management, Journal of Arid Environment, Conservation Letters, Ecological Indicators, Forest Policy and Economics, PLOS One, Ecology and Evolution.

### **Evaluator (international panels)**

MWH Global – Europe Ltd LIFE Nature - European Commission (2015, 2016, 2017, 2018); European Commission - Horizon 2020 (2018 Nature based solutions, 2015 Ecosystems services, 2017 Marie Curie Individual Fellowship); European Commission – COST actions (2015, 2017); ISF (2015).