



Europass Curriculum Vitae

Personal information

First name / Surname

address

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Laurentiu ROZYLOWICZ

1 Nicolae Balcescu, 010041, Bucharest, Romania

laurentiu.rozylowicz [a] g.unibuc.ro

www.cccmesi.ro

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

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Dates

Occupation or position held

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Name and address of employer

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

2015-present

Senior Researcher

Governance of resources, wildlife ecology, conservation planning

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

research, university

2013-present

Professor

Teaching activities for undergraduate studies: Ecology, Conservation biogeography, Terrestrial biomes, Environmental impact assessment

Teaching activities for graduate studies: Scientific writing, Conservation biology
PhD supervisor

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

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

Conservation biology, ecology, GIS, EIA

2013-present

vice-president of Chelonia Romania (NGO)

coordinating conservation activities

Chelonia Romania, Bucharest

1999-2015

Researcher/Senior researcher

Natura 2000, Prioritized Action Framework (PAF) of Romania, conservation, governance of protected areas, wildlife ecology, LIFE Nature

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

2002-2013

Associate professor / lecturer / teaching assistant

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

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

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

1996-2008

Conservation and raising awareness coordinator

writing proposal, grant director, relation with authorities

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 in Geography

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 | MSc 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 | BSc 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, ecological field techniques, 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

1. 2018-2022: Implementing Regulation (EU) No 1143/2014 of the European Parliament and of the Council of 22 October 2014 on the prevention and management of the introduction and spread of invasive alien species in Romania, POIM/178/4/1, SMIS 120008, Romanian Ministry of European Funds – work-package coordinator
2. 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
3. 2018 - Prioritized Action Framework (PAF) of Romania (2020-2024), Ministry of Environment.
4. 2017-2018: Argos based applications for real time wildlife monitoring in Romania (BioMoveFix), PN-III-P2-2.1-PED-2016-0568, UEFISCDI – principal investigator
5. 2015-2017: Integrating social network theory into systematic conservation planning, PN-II-RU-TE-2014-4-1039, UEFISCDI – principal investigator
6. 2015-2017: Incorporating sources of uncertainty in large carnivore management and conservation in Romania, PN-II-RU-TE-2014-4-0058, UEFISCDI – senior researcher
7. 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
8. 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
9. 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
10. 2005-2009: LIFE05NAT/RO/000170 „Enhancement of large carnivore protection in Vrancea county”, EU - DG Environment, LIFE III – part time project officer
11. 2002-2005: LIFE02NAT/RO/8576, „In situ conservation of large carnivores in Vrancea County”, EU - DG Environment, LIFE III – part time project officer
12. 2005-2010: LIFE05NAT/RO/000155, Ecological Restoration of the Lower Prut Floodplain Natural Park, Comisia Europeana, LIFE III – part time staff members
13. 2000-2005: LIFE00NAT/RO/7171, Iron Gates Natural Park – habitat conservation and management, Comisia Europeana, LIFE part time staff members

Scientific articles

1. Hartel T., Nita A., **Rozyłowicz L.** (2020) *Understanding value networks in connecting social-ecological systems: the case of ancient wood-pastures from Central Romania*. Sustainability Science (accepted)
2. Manolache, S., Nita, A., Hartel, T., Miu, I. V., Ciocanea, C. M., **Rozyłowicz, L.** (2020). *Governance networks around grasslands with contrasting management history*. bioRxiv (preprint submitted to Journal of Environmental Management)
3. Iosif R., Pop M.I., **Rozyłowicz L.**, Chiriac S., Sandu R.M., Berde L., Szabó S., Popescu V.D. (2020) *Den structure and selection of denning habitat by brown bears in the Romanian Carpathians*. Ursus 31e5.
4. Hartel T., Scheele B.C., **Rozyłowicz L.**, Horcea-Milcu A., Cogalniceanu D. (2020) *The social context for conservation: amphibians in human-shaped landscapes*. Journal for Nature Conservation 53: 125762
5. Popescu V., Pop M., Chiriac S., **Rozyłowicz L.** (2019) *Romanian carnivores at a crossroads*. Science 364 (6445): 1041.
6. Nita A., Hartel T., Manolache S., Ciocanea C.M., Miu I.V., **Rozyłowicz L.** (2019) *Who is researching biodiversity hotspots in Eastern Europe? A case study on the grasslands in Romania*. PLoS ONE 14(5): e0217638.
7. Hartel T., Scheele B.C., Vanak A.T., **Rozyłowicz L.**, Linnell J.D.C., Ritchie E.G. (2019) *Mainstreaming large carnivore-human coexistence through institutional collaboration*. Conservation Biology 33(6): 1256-1265.
8. **Rozyłowicz L.**, Bodescu F.P., Ciocanea C.M., Gavrilidis A.A., Manolache S., Matache M.L., Miu I.V., Moale C., Nita A., Popescu V.D. (2019) *Empirical analysis and modeling of Argos Doppler location errors in Romania*. PeerJ. 10.7717/peerj.6362
9. Brodie, B.S., Popescu V.D., Iosif R., Ciocanea C.M., Manolache S., Vanau G.O., Gavrilidis A.A., Serafim R., **Rozyłowicz L.** (2019) *Non-lethal monitoring of longicorn beetle communities using generic pheromone lures and occupancy models*. Ecological Indicators 101: 330-340.

10. **Rozyłowicz L.**, Nita A., Manolache S., Popescu V.D., Hartel T. (2019) *Navigating protected areas networks for improving diffusion of conservation practices*. *Journal of Environmental Management* 230: 413-421.
11. Kehoe L., Reis T., Virah-Sawmy M., Balmford A., Kuemmerle T., [...] **Rozyłowicz L.** [...], (2019) *Make EU trade with Brazil sustainable*. *Science*, 364(6438).
12. Miu I.V., Chisamera G.B., Popescu V.D., Iosif R., Nita A., Manolache S., Gavril V.D., Cobzaru I., **Rozyłowicz L.** (2018) *Conservation priorities for terrestrial mammals in Dobrogea region, Romania*. *Zookeys* 792: 133-158.
13. 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* 8:31
14. 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.
15. 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*, 26: 15-31
16. 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* 21: 352-362
17. **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
18. 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
19. 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)
20. 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
21. Tudor C.A., Iojă I.C., **Rozyłowicz L.**, Stupariu I., Hersperger A.M. (2015) *Similarities and differences in the assessment of land-use associations by local people and experts*, *Land Use Policy* 49: 341–351
22. 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.
23. Popescu D.V., **Rozyłowicz L.**, Niculae I.M., Cucu L.A., Hartel T. (2014) *Species, habitats, society: An evaluation of research supporting EU's Natura 2000 network*, *PLoS ONE* 9(11): e113648.
24. Hartel T., Sos T., Popescu V.D., Băncilă R.I., 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.
25. Mikoláš M., Svoboda M., Pouska V., [...], **Rozyłowicz L.**, [...] (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.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. Iosif R, **Rozyłowicz L.**, Popescu DV, 2013, *Modeling road mortality hotspots of Eastern Hermann's tortoise in Romania*. *Amphibia-Reptilia* 34: 163 – 172.
32. **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.

33. 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.
34. **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.
35. 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.
36. Iojă CI, Pătroescu M, **Rozyłowicz L**, Popescu VD, Vergeheț M, et al., 2010, *The efficacy of Romania's protected areas network in conserving biodiversity*. Biological Conservation 143: 2468-2476.
37. **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.
38. **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.
39. Matache ML, **Rozyłowicz L**, Hura C, Matache M, 2006, *Organochlorine Pesticides – a Threat on the Herman's Tortoise Perpetuation*, Organohalogen Compounds 68,728-731.
40. 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.
41. Matache ML, **Rozyłowicz L**, Pătroescu 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.

Books

1. Pătroescu, M., Iojă, I., **Rozyłowicz, L.**, Vanau, G., Nita M., Pătroescu-Klotz, I., Iojă, A. , 2012, *Evaluarea integrată a calitatii mediului in spatii rezidentiale*, Editura Academiei Romane.
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.**, Iojă, 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.**, Iojă, I., 2002, *Conservarea diversității biologice*, Ed. Tehnică, București.

Book chapters

1. Nita A., Manolache S., Ciocanea C.M., **Rozyłowicz L.** (2019) Real-World Application of Ego-Network Analysis to Evaluate Environmental Management Structures. In: Karampelas P., Kawash J., Özyer T. (eds) From Security to Community Detection in Social Networking Platforms. ASONAM 2017. Lecture Notes in Social Networks. Springer, Cham, https://doi.org/10.1007/978-3-030-11286-8_1
2. 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.
3. 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.
4. Iojă, 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.
5. 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.

6. 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)

Academic editor

Plos One, Frontiers in Ecology and Evolution

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.

Evaluator

LIFE Nature

MWH Global – Europe Ltd LIFE Nature - European Commission (2015, 2016, 2017, 2018); Stantec-Agreco LIFE Nature

Horizon 2020

European Commission Marie Skłodowska-Curie Actions (2017, 2018, 2019), Horizon 2020 (2017, 2018, 2019),

Other funding bodies

COST actions (2015, 2017, 2019), UEFISCDI (2016, 2017, 2018), ISF (2017)