



Curriculum vitae Europass

Informații personale

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Experiența profesională

Perioada

Februarie 2013 - prezent

Funcția sau postul ocupat

Profesor universitar

Activități și responsabilități principale

Activitati didactice (cursuri si seminarii) la disciplinele: Biogeografie conservaționistă, Evaluarea Impactului asupra mediului, Biomuri continentale, Ecologie generală, Conservarea diversitatii biologice, Tehnici de elaborare a documentelor stiintifice. Activitati de cercetare

Numele și adresa angajatorului

Universitatea din Bucuresti, Facultatea de Geografie, Departamentul de Geografie Regionala si Mediu, Bd. N. Balcescu nr. 1, 010041, Bucuresti, Romania

Tipul activității sau sectorul de activitate

Activitati didactice și cercetare biogeografie, evaluarea impactului asupra mediului

Perioada

Octombrie 2008- Februarie 2013

Perioada

Martie 1999-prezent

Funcția sau postul ocupat

Cercetator stiintific gradul II/ Director (din 2012)

Activități și responsabilități principale

Elaborare de proiecte, proiectare si implementare studii stiintifice, activitati de management proiecte

Numele și adresa angajatorului

Universitatea din Bucuresti, Centrul de Cercetare a Mediului si Efectuare a Studiilor de Impact, Bd. N. Balcescu nr. 1, 010041, Bucuresti, Romania

Tipul activității sau sectorul de activitate

Cercetator stiintific domenii biogeografie, conservarea diversitatii biologice, evaluarea impactului asupra mediului

Educație și formare

Perioada

Iunie 2014 - Noiembrie 2014

Calificarea / diploma obținută

Abilitare conducere doctorat domeniul geografie

Disciplinele principale studiate /
competențe profesionale dobândite

Conservation biogeography of species and habitats in Romania

Numele și tipul instituției de învățământ
/ furnizorului de formare

Universitatea de Vest, Timisoara

Nivelul în clasificarea națională sau
internațională

Doctor in domeniul geografie

Perioada

Octombrie 2000 - Octombrie 2006

Calificarea / diploma obținută

doctor

Disciplinele principale studiate /
competențe profesionale dobândite

Biogeografie / Metode de analiza a distributiei areal geografice a testoasei lui Hermann (*Testudo hermanni* Gmelin, 1759) in Romania

Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea din Bucuresti, Facultatea de Geografie, coordonator Prof. univ. dr. Maria Pătroescu
Nivelul în clasificarea națională sau internațională	Doctor in domeniul geografie
Perioada	Octombrie 1998 – Iulie 1999
Calificarea / diploma obținută	Master in ecologia peisajelor
Disciplinele principale studiate / competențe profesionale dobândite	Ecologia peisajelor, organizare regionala, GIS
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea din Bucuresti, Facultatea de Geografie
Nivelul în clasificarea națională sau internațională	Master științele mediului
Perioada	Octombrie 1994 - Iulie 1998
Calificarea / diploma obținută	Licentiat in științele mediului
Disciplinele principale studiate / competențe profesionale dobândite	Evaluarea impactului asupra mediului, cartografie, GIS, ecologie, biogeografie
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea din Bucuresti, Facultatea de Geografie
Nivelul în clasificarea națională sau internațională	licenta
Competențe și aptitudini de utilizare a calculatorului	Cunoștințe avansate programare în R Cunoștințe avansate Sisteme Geografice Informaționale Cunoștințe avansate programare dashboard Rshiny Cunoștințe avansate Primavera Project Planner
Permis(e) de conducere	categoria B

Activitate științifică

Articole publicate

1. Neagu AC, Rozyłowicz L (2025) Insufficient scientific evidence hinders large carnivore management in Romania. *Global Ecology and Conservation* 62 e03846
2. Nita, A., Zamorano, M., Caro-Gonzalez, A. L., & Rozyłowicz, L. (2025). Driving climate action: brokers as catalysts in EU policy networks. *Applied Network Science*, 10(1). <https://doi.org/10.1007/s41109-025-00732-9>
3. Groom, Q., T. Adriaens, T. August, C. Capinha, A. Cardoso, K. Dehnen-Schmutz, F. Essl, A. Franklin, M. Golivets, J. Gonçalves, L. Hendrickx, D. Hodgson, T. Høye, P. Hulme, S. Kumschick, B. Lenzner, E. Malta-Pinto, A. (F) K. Martinou, S. Meeus, T. Myers, N. Noé, A. Novoa, M. Pocock, A. Poimala, C. Preda, P. Pyšek, L. Reyserhove, L. Rozyłowicz, A. Sapundzhieva, C. Vale, J. Vicente, N. Yovcheva, A. Zolyomi, and H. Roy. 2025. OneSTOP: OneBiosecurity systems and technology for people, places and pathways. *Research Ideas and Outcomes* 11. <https://doi.org/10.3897/rio.11.e165316>
4. Konczal A.A. , J.H.C. de Koning, J.B. Larsen, A. Felton, A. Lawrence, C.H. Ammer, P. Angelstam, I. Martinez de Arano, T. Björstig, M. Blondet, M. Calviño-Cancela, R. de Vreese, C. Dolriis, B. Jaroszewicz, J. Johansson, M.J. Lexer, L. Nichiforel, K. Niedziałkowski, Y. Paillet, L. Rozyłowicz, M. Sotirov, V. Stokes, B. Jellesmark Thorsen, K. Vandekerckhove, I. Wallin, G. Weiss, T. Schulz, T. Wohlgemuth, T. Zlatanov, G. Winkel A (2025) Integrating nature and people in European forest management – What is the role of participation? *International Forestry Review* 27(3) 402-430
5. Cogălniceanu, D., Ruști, D., Skolka, M., Stănescu, F., Vlad, S. E., Tănase, T. L., Rozyłowicz, L. (2025). Awaiting discovery: How biases in faunistic surveys hinder conservation in mountain protected areas—A case study from Romania's oldest national park. *Plos One*: 20(4): e0319871
6. Pop, M.I., R. Iosif, B. Promberger-Furpass, S. Chiriac, A.Z. Keresztesi, L. Rozyłowicz, V.D. Popescu (2025) Romanian Brown Bear Management Regresses. *Science*: 387 (6741): 1361–1361
7. Mirea M.D., Miu I.V., Popescu V.D., Brodie B.S., Chiriac S., Rozyłowicz L. (2024) Priority conservation areas for protected saproxylic beetles in Romania under current and future climate scenarios. *Biodiversity and Conservation* 33: 2949–2973.

8. Nita A., Reti K.O., Petrescu-Mag R.M., Petrescu D.C., Malos C., Csakany L., Gross D., Wagener F., Rozyłowicz L., Hartel T. (2024) Understanding nature's contributions to people in ancient biocultural systems through network and RLQ analysis. *Ecosystems and People* 20(1):2426711
9. Pindaru L.C., Nita A., Niculae M.I., Rozyłowicz L. (2024) Institutional Grammar Tool for Policy Analysis: A Systematic Review of Literature. *Journal of Settlements and Spatial Planning*, 15(2), 97-107
10. Rozyłowicz L., Popescu V.D., Mirea M.D., Manolache S., Miu I.V., Nita A., Pindaru L.C., Bancila R.I. (2024) WildPop: an interactive tool for estimating occupancy and abundance of wildlife populations. *Carpathian Journal of Earth and Environmental Sciences* 19(2) 321-328
11. Dragan O., Rozyłowicz L., Ureche D., Falka I., Cogalniceanu D. (2024) Invasive fish species in Romanian freshwater. A review of over 100 years of occurrence reports. *Neobiota* 94:1-16
12. Fanaru G., Petrovan S.O., Bancila R.I., Vizireanu M.G., Dragan O., Vlad S.E., Rozyłowicz L., Cogalniceanu D. (2024) Nesting ecology and confirmed breeding of the invasive pond slider *Trachemys scripta* in an urban environment, Romania. *European Journal of Wildlife Research* 70, 61.
13. Anastasiu P., Miu I.V., Gavrilidis A.A., Preda C., Rozyłowicz L., Sirbu C., Oprea A., Urziceanu M., Camen-Comanescu P., Nagoda E., Memedemin D., Barbos M., Boruz V., Cislariu A., Don I., Fagaras M., Frink P.J., Georgescu I.M., Haruta O.I., Hurdu B.I., Matis A., Milanovici S., Muncaciu S, Neacsu A.G., Neblea M., Nicolin A.L., Niculescu M., Oroian S., Pop O.G., Radutoiu D.I., Samarghitan M., Simion I., Soare L.C., Steiu C., Stoianov E., Strat D., Szabo A., Szatmari P.M., Tanase C., Mirea M.D., Manta N., Sirbu I.M. (2024) Alien plant species distribution in Romania: a nationwide survey following the implementation of the EU Invasive Alien Species Regulation. *Biodiversity Data Journal* 12: e119539.
14. Urziceanu M., Rozyłowicz L., Stefanescu D., Anastasiu P. (2024) Monitoring plant diversity in wind farm areas: an approach to early detection of alien plant species. *Conservation Science and Practice* e13109
15. Rozyłowicz L., Popescu V.D., Manolache S., Nita A., Gradinaru S.R., Mirea M.D., Bancila R.I. (2024) Occupancy and N-mixture modeling applications in ecology: a bibliometric analysis. *Global Ecology and Conservation* e02838
16. Pindaru L., Nita A., Niculae M.I., Manolache S., Rozyłowicz L. (2023) More streamlined and targeted. A comparative analysis of 7th and 8th Environment Action Programmes guiding European environmental policy. *Heliyon*
17. Neagu A.C., Manolache S., Rozyłowicz L. (2022) The drums of war are beating louder. Media coverage of brown bears in Romania. *Nature Conservation* 50: 65-84
18. Gavrilidis A.A., Nita A., Rozyłowicz L. (2022) Past local industrial disasters and involvement of NGOs stimulate public participation in transboundary Environmental Impact Assessment. *Journal of Environmental Management* 324: 116271
19. Nita A., Fineran S., Rozyłowicz L. (2022) Researchers' perspective on the main strengths and weaknesses of Environmental Impact Assessment (EIA) procedures. *Environmental Impact Assessment Review* 92, 106690
20. Popescu V.D., Pop M.I., Rozyłowicz L. (2021) Trophy hunting undermines public trust. *Science* 372 (6546) 1049
21. Urziceanu M., Anastasiu P., Rozyłowicz L., Sesan T. (2021) Local-scale impact of wind energy farms on rare, endemic, and threatened plant species. *PeerJ* 9:e11390
22. Mirea M.D., Manolache S., Ploarca-Ciocanea C.M., Nita A., Miu I.V., Popescu V.D., Brodie B.S., Dragomir M.I., Militaru I., Chiriac S., Rozyłowicz L. (2021) Conservation of saproxylic beetles in the Carpathians. *Research Ideas and Outcomes* 7: e63874
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28. 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

29. Popescu V., Pop M., Chiriac S., Rozyłowicz L. (2019) Romanian carnivores at a crossroads. *Science* 364 (6445): 1041.
30. 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.
31. 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.
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33. Brodie, B.S., Popescu V.D., Iosif R., Ciocanea C.M., Manolache S., Vanau G.O., Gavriliadis 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
34. 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.
35. Kehoe L., Reis T., Virah-Sawmy M., Balmford A., Kuemmerle T. [...] Rozyłowicz L. [...] (2019) Make EU trade with Brazil sustainable. *Science* 364:341
36. 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.
37. 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.
38. 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
39. Pop M.I., 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
40. 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
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42. Rozyłowicz L, Nita A, Manolache S, Ciocanea CM, Popescu VD (2017), Recipe for success: A network perspective of partnership in nature conservation. *Journal for Nature Conservation* 38: 21-29
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44. Nita A, Rozyłowicz L, Manolache S, Ciocanea C M, Miu IV, Popescu VD (2016) Collaboration Networks in Applied Conservation Projects across Europe. *PLOS ONE* 11(10): e0164503
45. Memedemin D., Tudor M., Cogălniceanu D., Skolka M., Bănică G., Rozyłowicz L. (2017) Update on the Geographic Distribution of *Lutra lutra* at the Romanian Black Sea Coast. *Travaux du Muséum National d'Histoire Naturelle «Grigore Antipa»* Vol. 60 (1): 413-417
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48. 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.

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50. 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.
51. 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.
52. 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.
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54. Manolache S., Rozyłowicz L., Patroescu M (2014) Protecting Eastern Hermann's tortoise in Romania: past, present and perspectives. *Chelonii* 9:84-87
55. 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.
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57. 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.
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Cărți

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10. Rey V., Groza O., Ianos I., Patroescu M. (Eds) (2000) Atlas de la Roumanie. Reclus. La Documentation francaise (colaborator)

Capitole cărți

1. Nita A., Rozyłowicz L. (2022) A network-based approach to understanding international cooperation in environmental protection. In: Özyer T. (Ed) *Social Media Analysis for Event Detection. Lecture Notes in Social Networks*. Springer, Cham

2. Nita A., Treur J., Rozyłowicz L. (2021) Integrating Multilevel Adaptive Models to Develop Systematic, Transparent, and Participatory EIA Practice. In: Silhavy R., Silhavy P., Prokopova Z. (eds) Data Science and Intelligent Systems. CoMeSySo 2021. Lecture Notes in Networks and Systems, Springer, Cham.
3. 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. Lecture Notes in Social Networks. Springer, Cham
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6. 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 The Carpathians: Integrating Nature and Society Towards. Springer Berlin Heidelberg, 393-424.
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Proiecte cercetare (selectie)

1. 2025-2017: Cadru inovativ de realizare și evaluare a inițiativelor de promovare a coexistenței om-natură. UEFISCDI PN-IV-P1-PCE-2023-1119, 1200000 lei, director proiect
1. 2019-2025: LIFE ROSalia Conservation of saproxylic beetles in the Carpathians, LIFE Nature, LIFE19 NAT/RO/000023, European Union – The Executive Agency for Small and Medium-sized Enterprises (EASME) – responsabil contract UNIBUC
2. 2022-2025: Evaluarea raspunsului comunitatilor alpine la modificarile globale. UEFISCDI PN-III-P4-PCE-2021-0818 – cercetator senior
3. 2022-2024: Planificarea spațială a activităților de management a speciilor alogene din România. PN-III-P1-1.1-PD-2021-0378 - mentor
4. 2020-2022: Benefits and constraints of joint decision making in Romania. From public participation to collaborative Environmental Impact Assessment. UEFISCDI PN-III-P1-1.1-TE-2019-1039 – cercetator principal
5. 2018-2022: Managementul adecvat al speciilor invazive din Romania, in conformitate cu Regulamentul UE 1143/2014 referitor la prevenirea si gestionarea introducerii si răspândirii speciilor alogene invazive, POIM/178/4/1, Ministerul Fondurilor Europene SMIS 120008 – responsabil workpackage distributie specii invazive
6. 2017-2019: A social network approach for assessing sustainability of traditionally managed grasslands in a policy-driven management context, UEFISCDI PN-III-P4-ID-PCE-2016-0483 – director proiect
7. 2017-2019: Argos based applications for real time wildlife monitoring in Romania (BioMoveFix), UEFISCDI PN-III-P2-2.1-PED-2016-0568 – director proiect
8. 2015-2017: Incorporating sources of uncertainty in large carnivore management and conservation in Romania, PN-II-RU-TE-2014-4-0058, UEFISCDI – cercetator senior

9. 2015-2017: Integrating social network theory into systematic conservation planning, UEFISCDI PN-II-RU-TE-2014-4-1039 – director proiect
10. 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 – director proiect
11. 2011-2015: Improving the conservation status for the priority species and habitats in the Iron Gates wetlands. European Commission – responsabil contract UNIBUC
12. 2008-2009: The Hermann Tortoises – Preserving the Flagship Species for South West Romania. Booster RSG 49.01.08. The Rufford Small Grants Foundation UK
13. 2006-2007: Securing the Future of Hermann Tortoise in South West Romania. Second RSG 49.01.08. The Rufford Small Grants Foundation UK
14. 2005-2009: Enhancing the protection system of large carnivores in Vrancea county. LIFE05 NAT/RO/000170. European Commission – responsabil contract UNIBUC
15. 2001-2005: In situ conservation of large carnivore in Vrancea County. LIFE02 NAT/RO/008576. European Commission – responsabil contract UNIBUC

Membru comisii reprezentative

1. 2020-2024: Consiliul Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare (CNATDCU). Comisia Științele Pământului (Știința Mediului). Vicepreședinte
2. 2016-2020: Consiliul Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare (CNATDCU). Comisia Științele Pământului (Știința Mediului).

Membru societăți profesionale:

1. Chelonia Romania (vicepresedinte)
2. International Biogeography Society
3. Society for Conservation Biology
4. Ecological Society of America

Evaluator granturi:

1. 2015- 2018 MWH Global – LIFE Nature European Commission (LIFE Nature and Biodiversity panel)
2. 2018-2019 Stantec – LIFE Nature European Commission (LIFE Nature and Biodiversity panel)
3. 2017- 2021 Marie Skłodowska-Curie Actions Horizon 2020, Horizon Europe European Commission
4. 2017- 2021 Horizon 2020 (Environmental Science panel)
5. 2022, 2025 Horizon Europe (Ecology panel)
6. 2017 ISF (Ecology panel)
7. 2016 UEFISCDI (Panel Științele Pământului)

Academic Editor:

1. Plos One (din 2018)
- Rozyłowicz Laurentiu

06.11.2025