

C.1 CURRICULUM VITAE

Personal information

Name, Surname:	Ioan-Cristian Ioja		
Date of birth:	29.05.1978	Sex:	M
Nationality:	Romanian		
Researcher unique identifier(s) (ORCID, Researcher ID etc.):	https://orcid.org/0000-0001-6106-5105 https://www.webofscience.com/wos/author/record/A-1230-2014		
URL for personal website (if case):	https://ccmesi.ro/?page_id=201 https://scoaladoctorala.geo.unibuc.ro/professor-cristian-ioja/		

Education

Year	Faculty/department - University/institution - Country
2017	Habilitation in Geography (Urban Ecology), University of Bucharest, Romania
2016	Habilitation in Environmental Sciences (Environmental Planning), University Babes-Bolyai of Cluj-Napoca, Romania
2014	Graduate of the Program Statistics for Social Sciences, The Institute for Statistics Education, United States
2006	Ph.D. Geography, University of Bucharest, Romania

Positions - current and previous

(Academic sector/research institutes/industrial sector/public sector/other)

Year	Job title – Employer - Country
2013-present	Professor of Environmental Geography, University of Bucharest, Romania
1999-present	Researcher, Centre for Environmental Research, University of Bucharest, Romania
2022-2024	Senior Researcher, University Babes-Bolyai of Cluj-Napoca, Romania
2016-2019	Expert on environmental policies, National Institute for Economic Research Costin C. Kiritescu, Romanian Academy, Bucharest, Romania
2016	Consultant, Ministry of Environmental Protection, Romania
2002-2013	Lecturer/Associate Professor, University of Bucharest, Romania

Project management experience

(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)

Year	Project title - Role – Funder – Budget – link to project webpage
2023-2028	Climate-Resilient Development Pathways in Metropolitan Regions of Europe , HORIZON CL5-2023-D1-01-07, <i>Partner responsible</i> , European Commission, 187,500 €
2023-2026	ScienceUs: Integration of citizen SCIENCE best practices to UpScale and maximise projects impact related to Green Deal and EU missions , HORIZON-WIDERA-2023-ERA-01-08, <i>Partner responsible</i> , European Commission, 109,875 €

2024-2026	GREEN-INC: ' Growing Effective & Equitable Nature-based Solutions through Inclusive Climate Actions , Driving Urban Transitions Partnership, <i>Member</i> , European Commission, 190,000 €
2017-2019	Nature-based solutions for increasing cities resilience and sustainability - PN-III-P4-ID-PCE-2016-0635, <i>Principal investigator</i> , Romanian National Authority for Scientific Research, 185,427 €
2017-2018	Experimental Methods for Ecosystems Services Assessment of Urban Lakes under Climate Changes - PN-III-P2-2.1-PED-2016-1300, <i>Principal investigator</i> , Romanian National Authority for Scientific Research, 129,674 €
2016-2017	Demonstrating and promoting natural values, to support the decision-making process in Romania - NATURE4DECISION-MAKING - Mapping and assesment of urban ecosystem services, <i>Partner responsible</i> , EEA-Norway funds, 27,693 €
2015-2017	Methodology for the management and resolution of environmental conflict in Natura 2000 network , PN-II-RU-TE-2014-4-0673, <i>Principal investigator</i> , Romanian National Authority for Scientific Research, 116,349 €
2012-2016	Dynamic interaction between the natural and human components based on the synergy of ecological and socio-economic factors in the rapidly urbanizing landscapes , <i>Partner responsible</i> , Romanian National Authority for Scientific Research, 156,950 €
2011-2014	Modeling of environmental impact generated by incompatible land uses in human settlements, <i>Principal investigator</i> , Romanian National Authority for Scientific Research, 130,044 €
2008-2011	Environmental management of urban residential areas under climate changes, <i>Partner responsible</i> , Romanian National Authority for Scientific Research, 136,240 €
2005-2008	Environmental impact assessment of human activities on water quality of Arges basin, <i>Partner responsible</i> , Romanian National Authority for Scientific Research, 67,235 €

Other relevant professional experiences

(e.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees and major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
2011-2019	Chair of Department Regional Geography and Environment, Faculty of Geography, University of Bucharest
2004-present	Member of Advisory Board of Bucharest Local Environmental Action Plan
2012-present	President of the Society for Urban Ecology – Chapter South Eastern Europe
2015-present	Treasurer of Society for Urban Ecology (SURE)
2018-present	President of the Scientific Council of Putna-Vrancea Natural Park
2017-present	Member of the American Association of Advanced Science (AAAS)
2022	Key expert for Action plan on the pathways of invasive alien species (legally binding plan by Ministry of Environment Order 3008/17.11.2022)
2021	Key expert for Priority Action Framework for NATURA 2000 in Romania for the 2021 - 2027
2017-2018	Key expert for revised version of National Strategy for Biodiversity Conservation 2014-2020

2018 – present	Supervised Postdocs: Dr. Simona Gradinaru (land abandonment , urban agriculture), Dr. Mihai Pop (human-urban wildlife interactions), Dr. Alina Hossu (environmental planning assessment), Dr. Diana Onose (green equity), dr. Denisa Badiu (green infrastructure)
2015 - present	Supervised PhD students: Cristina Mitincu (nature-based solutions), Diana Panzaru (nature-based solutions in water management), Ana-Maria Popa (urban sustainability assessment), Raluca Slave (collaborative planning in environmental practices, ongoing), Larissa Stoia (urban green infrastructure, ongoing), Laura Ruxanda (urban protected areas, ongoing), Teona Daia-Creinică (urban ecosystem services assessment, ongoing).

C.2 Track record of the last 10 years (the most representative 10 works)

Research focus: urban ecology, environmental planning, nature-based solutions, climate change adaptation, human-urban wildlife coexistence.

Publications: Published (130); High-profile journals (52); Lead, Senior or corresponding author (51)

Total number of citations Web of Science: 1950; h-factor: 245 **Total number of citations Google Scholar:** 4140; h-factor: 37; i10-index 72

Breuste J., Artmann M., **Ioja I.C.**, Qureshi S. (eds.), (2020, 2023) [Making Green Cities – Concepts, Challenges and Practice](#), Springer Press, Berlin

Stanciu, E., **Ioja, I.C.**, Tintarean, M., Pop.M. (2023), [Romania](#), in Nature Conservation in Europe: Approaches and Lessons, ed. G. Tucker. Cambridge, UK: Cambridge University Press.

Ioja, I.C., Osaci-Costache, G., Breuste, J., Hossu, C.A., Grădinaru, S.R., Onose, D.A., Niță, M.R., Skokanová, H. (2018), [Integrating urban blue and green areas based on historical evidence](#), Urban Forestry & Urban Greening, 34, 217-225, **Q1**

Ioja I.C., Badiu D.L., Haase D., Hossu C.A., Nita M.R. (2021) [How about water? Urban blue infrastructure management in Romania](#), Cities, 110, 103084, **Q1**

Ioja, I.C., Grădinaru, S.R., Onose, D.A., Vănaș, G.O, Tudor, A.C. (2014), [The potential of school green areas to improve urban green connectivity and multifunctionality](#), Urban Forestry & Urban Greening, 13(4), **Q1**

Hossu, C.A., **Ioja, I.C.** *, **Onose, D.A.**, Niță, M.R., **Popa, A.M.**, **Talabă, O.**, Inostroza, L. (2019), [Ecosystem services appreciation of urban lakes in Romania. Synergies and trade-offs between multiple users](#), Ecosystem Services, **Q1**

Artmann M., Kohler M., Meinel G., Gan J., **Ioja I.C.** (2019), [How smart growth and green infrastructure can mutually support each other — A conceptual framework for compact and green cities](#). Ecological Indicators 96: 10-22, **Q1**

Hossu C.A., **Ioja I.C.** *, Susskind, L.E., **Badiu D.L.**, Hersperger A.M. (2018) [Factors driving collaboration in natural resource conflict management: evidence from Romania](#). Ambio, 816-830, 47(7), **Q1**

Badiu, D.L., **Ioja, I.C.** *, Pătroescu, M., Breuste, J., Artmann, M. et al (2016), [Is urban green space per capita a valuable target to achieve cities' sustainability goals? Romania as a case study](#), Ecological Indicators, 70, 53–66, **Q1**

Hossu C.A., **Ioja I.C.***, Nita M.R., Hartel T., **Badiu D.L.**, Hersperger A.M. (2017) [Need for a cross-sector approach in protected area management](#). Land Use Policy, 69, 586-597, **Q1**

* Senior or corresponding author; underlined authors were postdocs or PhD students under my supervision

Appendix
Prof.univ. IOJĂ, Ioan-Cristian

A. RESEARCH PROJECTS

a. RESPONSIBLE FOR PARTNER IN INTERNATIONAL PROJECTS

1. HORIZON CL5-2023-D1-01-07 - Climate-Resilient Development Pathways in Metropolitan Regions of Europe
2. HORIZON-WIDERA-2023-ERA-01-08 - ScienceUs: Integration of citizen SCIENCE best practices to UpScale and maximise projects impact related to Green Deal and EU missions.

b. COLABORATOR IN INTERNATIONAL PROJECTS

1. DUT – GREEN-Inc – *Growing Effective & Equitable Nature-based Solutions through Inclusive Climate Actions*, 2024–2026, European Commission, €200,000, project team member
2. POIM 117515 – *Concrete conservation measures of biodiversity and landscape in Iron Gates Natural Park*, 2019–2022, POIM, 19,436,019.90 Lei, biodiversity expert
3. POIM 120008 – *Management of invasive species in Romania, in accordance with EU Regulation 1143/2014 on the prevention and management of the introduction and spread of invasive alien species*, 2018–2022, POIM, 29,507,870.54 Lei, expert for drafting the action plan for invasive alien species
4. LIFE10 NAT/RO/740 – *Improving the conservation status for priority species and habitats in the Iron Gates wetlands*, 2012–2016, European Commission, €1,272,540, coordinator for ecosystem services evaluation and environmental impact
5. ESPON Targeted Analysis Based on User Demand 2013/2/19 – *Growth Poles in South-East Europe*, 2012–2013, European Commission
6. LIFE NATURE – *Ecological restoration of Lower Prut Floodplain Natural Park*, European Commission, 2005–2009 (responsible for: inventory of abiotic resources in the park, socio-economic evaluation of nearby human settlements, environmental impact assessment of human activities, carrying capacity evaluation of ecosystems, bird species inventory and mapping for management plan development, and drafting the management plan for the park)
7. LIFE NATURE – *Enhancing the protection system of large carnivores in Vrancea County*, European Commission, 2005–2009 (responsible on behalf of the University of Bucharest for drafting management plans for NATURA 2000 sites in Vrancea County)
8. LIFE NATURE – *Iron Gates – Habitat Conservation and Management*, European Commission, 2000–2004 (team member for drafting the management plan of Iron Gates Natural Park)
9. LIFE NATURE – *In situ conservation of large carnivores in Vrancea County*, European Commission, 2001–2005 (responsible for socio-economic evaluation of human settlements and sheepfolds in western Vrancea County)

c. Principal investigator in National Projects

1. Green solutions for increasing resilience and sustainability in urban environments, Exploratory Research Projects, 2017–2019, 834,425 Lei
2. Services for assessing the level of public awareness and understanding regarding protected natural areas: Putna River, Râpa Roşie - Dealu Morii, Algeanu Reserve, and Bozu Stream, and evaluating the impact of the awareness campaign, Association for the Conservation of Biological Diversity, 2017–2019, 57,715 Lei, project director
3. Services for preparing the technical-economic documentation – feasibility study for implementing management plan measures for sites ROSCIO190 Penteleu and ROSCIO229 Siriu (conservation

- measures for species and habitats of community interest), Lot I, 2018, Buzău County Council, 120,000 Lei, project director
4. Conducting measurements for the green cadastre inventory of Bacău municipality, 2017, Integraph Computers Services, 68,425 Lei
 5. Experimental methods for evaluating ecosystem services of urban lakes in the context of global climate change, PNIII-PED, 2017–2018, 596,500 Lei, project director
 6. Methodology for managing and resolving environmental conflicts in Natura 2000 sites, PN II Human Resources – Young Teams, 2015–2017, 523,570 Lei, project director
 7. Study on urban ecosystems, ROSA-WWF-ANPM, 2016–2017, 124,620 Lei, project director
 8. Feasibility study: Ensuring joint management of natural and technological risks in the Romania–Bulgaria cross-border area for sustainable territorial planning, Mehedinți County Council, 2015, 37,000 Lei, project director

d. Mentorship

1. Integrating food provision in urban policies in the context of land use transformation and displacement, postdoctoral research project funded by UEFISCDI (2020–2022), project director: Simona-Raluca Grădinaru
2. A systematic analysis on the social and landscape drivers of human-wildlife coexistence, postdoctoral research project funded by UEFISCDI (2020–2022), project director: Ioan-Mihai Pop
3. Methodology to evaluate the quality and the effectiveness of environmental planning, postdoctoral research project funded by UEFISCDI (2018–2020), project director: Constantina Alina Hossu
4. Assessing the social equity of ecosystem services provided by urban green infrastructures, postdoctoral research project funded by UEFISCDI (2018–2020), project director: Diana-Andreea Onose
5. Conceptualizing urbanization as a driver of agricultural land abandonment, postdoctoral research project funded by UEFISCDI (2018–2020), project director: Simona-Raluca Grădinaru

e. Member in national projects

1. Satellite Images Analysis for Fire Monitoring, ROSA, 2012–2015, project director: Bogdan Mihai, 198,000 Lei
2. Methodology for integrated environmental quality assessment in residential areas of metropolitan zones, PN-II Ideas – Exploratory Research Projects, CNCSIS, 2008–2011, project director: Maria Pătroescu, 652,770 RON
3. Civic education for selective waste collection in university campuses, PN II – Partnerships, 2008–2010, project director: Maria Pătroescu, 135,000 RON
4. Quantifying the bioaccumulation of xenobiotics in food chains belonging to wetland areas, PN II – Partnerships, project director: Marius Matache, 700,000 RON
5. Impact assessment of sustainable waste management on environmental health and landscape condition. Case study: Bucharest metropolitan area, CNCSIS, 2007–2008, project director: Maria Pătroescu, 140,000 RON
6. Convergent interdisciplinary solutions in territorial planning and transport system structuring, aimed at sustainable development and quality of life improvement, CEEX Program, 2005–2007, project director: Maria Pătroescu, 97,500 RON
7. Remote monitoring equipment for industrial aerosol pollutant emissions, Beneficiary: National Institute of Optics and Electronics (MENER Program), 2004–2006, project director: Maria Pătroescu, 9,500 RON
8. Environmental status diagnosis for assessing water, air, and soil quality, Beneficiary: ICIM Bucharest, MENER Program, 2002–2004, project director: Maria Pătroescu, 10,500 RON
9. Procedures and standards for the protection and revitalization of ecologically fragile areas, Beneficiary: INCD Urbanproiect, 2001–2002, project director: Maria Pătroescu, 1,200 RON
10. Structure and distribution of habitats in Iron Gates Natural Park, Beneficiary: CNCSIS, 2001–2003, project director: Maria Pătroescu, 23,500 RON

11. Environments and resources in the South-West Development Region (counties: Dolj, Gorj, Olt, Mehedinți, and Vâlcea), Beneficiary: ICIM, 2000–2002, project director: Maria Pătroescu, 10,500 RON
12. Planning, protection, and management of natural and sensitive areas to support Romania's Natural Capital, Beneficiary: ANSTI, 1999–2000, project director: Maria Pătroescu, 5,000 RON
13. Environmental changes in mountain regions. Comparison between the Romanian Carpathians and the Swiss Alps, Beneficiary: ANSTI, 1999–2000, project director: Maria Pătroescu, 5,000 RON
14. Dynamics of rural landscapes in Romania. Case study: Romanian Plain, Beneficiary: CNCSU, 1998, project director: Maria Pătroescu, 1,500 RON
15. Environmental status in intra-Carpathian depressions, Beneficiary: MCT, 1997–2000, project director: Maria Pătroescu, 2,500 RON
16. Physico-chemical characteristics of Danube water in the Iron Gates I reservoir, Baziaș – Gura Bahna section, Beneficiary: ICIM, 1997–1998, project director: Maria Pătroescu, 1,500 RON
17. Geocological study of the Romanian Danube Valley, Beneficiary: CNCSU, 1997–1998, project director: Maria Pătroescu, 2,500 RON
18. Quality and dynamics of environmental factors in Romania's mountain areas, Beneficiary: MCT, 1997–1998, project director: Maria Pătroescu, 2,500 RON
19. Natural framework and landscape elements in Argeș and Prahova counties, Beneficiary: MCT, 1997, project director: Maria Pătroescu, 2,500 RON
20. Chemistry and quality of surface waters resulting from human–environment interactions. Case study: Ialomița River basin, Beneficiary: CNCSU, 1997, project director: Maria Pătroescu, 1,500 RON

B. Planning and Environmental Consultancy Projects

a. Strategic documents

1. Revised visitation strategy for protected areas within the project area (Ceahlău National Park and the protected areas within it), Beneficiary: CCAT Solution Grup SRL
2. Revised visitation strategy for Comana Natural Park, Beneficiary: SC Omnia Development SRL
3. Compilation and development of the management plan for the protected natural areas ROSPA0012 Brațul Borcea, together with ROSCI0319 Mlaștina de la Fetești, IV.34. Pădurea Canton Hâțiș, and ROSCI0278 Bordușani - Borcea (excluding the area overlapping with ROSPA0017 Canaralele de la Hârșova), in accordance with current standards and legislation
4. Study on ecosystem services in two partially overlapping Natura 2000 sites: ROSCI0088 Gura Vedei Saica Slobozia (excluding the area overlapping with ROSPA0108 Vedeia-Dunăre) and ROSPA0090 Ostrovu Lung-Goștinu; study on anthropogenic impact on Natura 2000 site ROSPA0124 Lakes of the Ilfov Valley, including contributions to the database and 33 GIS maps of current pressures and future threats to species of community interest in ROSPA0124; study on ecosystem services in ROSPA0124, Beneficiary: SC CCAT Solution Grup SRL
5. Services for developing the management plan within the project “Management Plan for the site of community importance ROSCI0018 Căldările Zăbalei together with the protected natural area 2810 Căldările Zăbalei - Zârna Mică-Răoaza” (2017–2020), Pro Biodiversitas SRL
6. Services for developing and approving the management plan within the project “Planning biodiversity conservation management in the protected natural area ROSCI0030 Cheile Lăpușului together with the national interest protected area 2.583 Cheile Lăpușului” (2018–2020), Omnia Development SRL
7. Services for developing the management plan within the project “Integrated management plan for Natura 2000 sites Ciucului Mountains – ROSCI0323 and Ciucului Depression and Mountains – ROSPA0034” (2019–2021), Omnia Development SRL
8. Services for developing, endorsing, and approving the management plan within the project “Proper management for biodiversity conservation in protected natural areas ROSCI0023 Mișina Waterfall and natural reserve 2818 Mișina Waterfall” (2018–2020), Omnia Development SRL
9. Services for developing and approving the integrated management plan within the project “Planning biodiversity conservation management in Natura 2000 protected areas ROSPA0112 Gherghița Plain including natural reserve B.6 Rodeanu Lake” (2018–2021), Omnia Development SRL

10. Services for developing and approving the integrated management plan within the project “Planning biodiversity conservation management in Natura 2000 sites ROSPA0016 Nir Plain–Ier Valley, ROSCI0020 Carei Plain together with protected areas 2.676 Urziceni Forest, 2.677 Foieni Sand Dunes, 2.679 Vermeş Marsh, 2.182 Corynephorus Pasture at Voievozi, and ROSCI0021 Ier Plain together with protected area 2.183 Valea Rece Hydrographic Complex” (2019–2021), Omnia Development SRL
11. Scientific studies and management plan development within the project “Management for the protected natural area Cuejdel Lake” (August 2012–April 2012), Multidimension SRL
12. Scientific studies and management plan revision within the project “Management development for Ceahlău National Park” – including coordination of experts for species and habitat inventory and mapping for management plan development (December 2012–June 2013), Multidimension SRL
13. Scientific studies and management plan development within the project “Management for protected natural areas Pangarati Lake and Vaduri Lake” – including coordination of experts for species and habitat inventory and mapping for management plan development (December 2010–September 2012), Multidimension SRL
14. Studies for developing the integrated management plan of Măcin Mountains National Park by revising and integrating management prescriptions for Natura 2000 sites (SPA Măcin-Niculiţel and SCI Măcin Mountains) including the national park – including coordination of experts for species and habitat inventory and mapping (September 2011–March 2014), Multidimension SRL
15. Scientific studies, management plan, and field studies within the project “Efficient management of the Izvorul de la Corbii Ciungi Natural Reserve” (April 2012–December 2013), Multidimension SRL
16. Capacity development of the Ministry of Environment, Waters and Forests to implement biodiversity policy – SIPOCA 22, Activity A3.1 Evaluation of the implementation status of the National Biodiversity Conservation Strategy 2014–2020, Contract 27/SIPOCA 22/22.07.2016
17. Capacity development of the Ministry of Environment, Waters and Forests to implement biodiversity policy – SIPOCA 22, Activity A3.2 Revision of the National Biodiversity Conservation Strategy 2014–2020, Contract 72/SIPOCA 22/02.11.2016
18. Capacity development of the Ministry of Environment, Waters and Forests to implement biodiversity policy – SIPOCA 22, Activity A3.3 Development of the monitoring system for the implementation of the National Biodiversity Conservation Strategy 2014–2020, National Institute for Economic Research Constantin C. Kiriţescu, 2016–2017, Contract 27/SIPOCA 82/09.02.2017
19. Capacity development of the Ministry of Environment, Waters and Forests to implement biodiversity policy – SIPOCA 22, Evaluation of management plans for protected areas, Contract 26/18.03.2016
20. Capacity development of the Ministry of Environment, Waters and Forests to implement biodiversity policy – SIPOCA 22, Organization of training courses on evaluating management plans for protected natural areas and using Geographic Information Systems for this purpose
21. Estimation of costs imposed by the implementation of conservation measures for habitats and species of community interest, according to Article 8 of the Habitats Directive, with emphasis on priority habitats and species (Article 8(3) of the Habitats Directive), to determine the funding needs of the Natura 2000 Network, Ministry of Waters and Environmental Protection, 2012, Contract 194/1.11.2012
22. Methodology for managing and resolving environmental conflicts in Natura 2000 sites, National Research, Development and Innovation Program PN II, 2015–2017, project director
23. N4D/MAES – Demonstrating and promoting natural values to support decision-making in Romania, EEA Financial Mechanism 2009–2014 under Program RO02 – Biodiversity and Ecosystem Services, National Environmental Protection Agency, WWF, and ROSA, Contract 22/2016
24. Evaluation of bio-waste management in various counties of Romania (Hunedoara, Olt, Neamţ, Braşov, Bistriţa-Năsăud, Bucharest – Districts 3 and 4), Multidimension, 2020–2023

g. SEA, EIA reports

1. Environmental Reports for Zonal Urban Plans (PUZ)
2. Environmental Report for the Zonal Urban Plan – Residential Complex on Cernica Road, Plot 56, Pantelimon City, SC ARHITEX SA, 2009
3. Environmental Report for the Zonal Urban Plan – Civic-Social-Cultural Center Sfânta Maria – Mediaş, SC ARTTEK C.B. SRL, 2008

4. Environmental Report for the Zonal Urban Plan – Mixed-use Complex at Gheorghe Doja No. 166, Ploiești Municipality, 2008
5. Environmental Report for the Zonal Urban Plan – Housing Complex within the SC ROMCARBON SA area, Sinaia, 2006
6. Environmental Impact Report for the project: Demolition of the slaughterhouse on Gheorghe Doja Street No. 166, Ploiești, SC ARHITECKTONIK SA, 2008
7. Environmental Impact Report for the project: Restructuring and modernization of industrial activities on the INSPET Ploiești platform, SC ARHITECKTONIK SA, 2009
8. Environmental Impact Report for the project: PUZ Carol Park, Ion Mincu University of Architecture and Urbanism, Bucharest, 2006
9. Environmental Impact Report for the project: PUZ Cișmigiu Park, Ion Mincu University of Architecture and Urbanism, Bucharest, 2006
10. Environmental Impact Report for the project: PUZ Herăstrău Park, Beneficiary: Ion Mincu Institute of Architecture, 2004
11. Environmental Impact Report for the project: PUZ Tineretului Park, Beneficiary: Ion Mincu Institute of Architecture, 2004
12. Level I Environmental Balance for the Municipal Household Waste Landfill in Sfântu Gheorghe
13. Level II Environmental Balance for the Municipal Household Waste Landfill in Sfântu Gheorghe
14. Level I Environmental Balance for the Wastewater Treatment and Sewerage System of Sfântu Gheorghe Municipality
15. Level II Environmental Balance for the Wastewater Treatment and Sewerage System of Sfântu Gheorghe Municipality
16. Level I Environmental Balance for the Wastewater Treatment Plant in Brașov
17. Level II Environmental Balance for the Wastewater Treatment Plant in Brașov

j. Urban master plans

1. Zonal Urban Plan of Constanța Port – Midia Area – Foundation study on environmental protection, natural and anthropogenic risks, and climate change impact, 2021 (approved study) – Project Manager: Urban Planner Andrei Jelescu, Beneficiary: National Company “Maritime Ports Administration” S.A. Constanța
2. Zonal Urban Plan of Constanța Port – Constanța Area – Foundation study on environmental protection, natural and anthropogenic risks, and climate change impact, 2021 (approved study) – Project Manager: Urban Planner Andrei Jelescu, Beneficiary: National Company “Maritime Ports Administration” S.A. Constanța
3. Update of the General Urban Plan of Constanța Municipality, Constanța County – Foundation studies on environmental protection, natural and anthropogenic risks, climate change impact, green spaces, 2021–2022 (under approval) – Project Manager: Architect Urban Planner Irina Popescu-Criveanu, Beneficiary: Constanța City Hall
4. Update of the General Urban Plan of Brașov Municipality, Brașov County – Foundation studies on environmental protection, natural and anthropogenic risks, climate change impact, 2021–2022 (under approval) – Project Manager: Architect Urban Planner Irina Popescu-Criveanu, Beneficiary: Constanța City Hall
5. Update of the General Urban Plan of Craiova Municipality, Dolj County – Foundation study on environmental protection, natural and anthropogenic risks, climate change impact, 2020 (approved) – Project Managers: Architect Urban Planner Irina Popescu-Criveanu / Urban Planner Alexandra Fetter, Beneficiary: Craiova City Hall
6. Update of the General Urban Plan of Călărași Municipality, Călărași County – Foundation study on environmental protection, natural and anthropogenic risks, climate change impact, 2020 (approved) – Project Managers: Architect Urban Planner Irina Popescu-Criveanu / Urban Planner Alexandra Fetter, Beneficiary: Călărași City Hall
7. Update of the General Urban Plan of Snagov Commune, Ilfov County – Foundation study on environmental protection, natural and anthropogenic risks, climate change impact, 2021 (approved) – Project Manager: Urban Planner Alexandra Fetter, Beneficiary: Snagov Commune Hall
8. Update of the General Urban Plan of Otopeni City, Ilfov County – Foundation study on environmental protection, natural and anthropogenic risks, climate change impact, 2021 (approved) – Project Manager: Urban Planner Alexandra Fetter, Beneficiary: Otopeni City Hall

9. Update of the General Urban Plan of Afumați Commune, Ilfov County – Foundation study on environmental protection, natural and anthropogenic risks, climate change impact, 2021 (approved) – Project Manager: Urban Planner Alexandra Fetter, Beneficiary: Afumați Commune Hall
10. Update of the General Urban Plan of Mihail Kogălniceanu Commune, Constanța County – Foundation study on environmental protection, natural and anthropogenic risks, climate change impact, 2022 (approved) – Project Manager: Urban Planner Alexandra Fetter, Beneficiary: Mihail Kogălniceanu Commune Hall
11. Update of the General Urban Plan of Eforie City, Constanța County – Foundation study on environmental protection, natural and anthropogenic risks, climate change impact, 2021 (approved) – Project Manager: Urban Planner Alexandra Fetter, Beneficiary: Eforie City Hall
12. Services for developing foundation studies for the Ilfov County Territorial Planning Plan – Territorial evolution and settlements, settlement network, territorial zoning and housing stock, natural framework, environment, risk zones, protected natural and built areas, tourism and spa potential, technical-urban infrastructure, supra-territorial context, socio-demographic structure, economic activity structure, 2019–2020
13. Territorial Planning Plan for the Urban Agglomeration and Metropolitan Area of Bucharest – Components of the integrated economic development strategy under environmental protection conditions. Organization of the “green-yellow belt” of the Capital and the Regional Park System of the Metropolitan Area, Beneficiary: Intergraph Computers Services, 2008
14. Territorial Planning Plan – Urban Agglomeration and Metropolitan Area of Bucharest, update and analysis of current situation, diagnosis, regulations, digital terrain model, action plan, priority programs – Phase II, Beneficiary: Intergraph Computers Services, 2006
15. Territorial Planning Plan – Urban Agglomeration and Metropolitan Area of Bucharest, update and analysis of current situation, diagnosis, regulations, digital terrain model, action plan, priority programs – Phase I, Beneficiary: Intergraph Computers Services, 2005
16. Zonal Urban Plan for the Penetration of the Bucharest–Constanța Highway, Beneficiary: Metroul SA, Bucharest, 2005
17. Zonal Urban Plan for the Penetration of the Bucharest–Brașov Highway, Beneficiary: Metroul SA, Bucharest, 2005
18. Zonal Urban Plan for Closing the Main Traffic Ring, Beneficiary: Metroul SA, Bucharest, 2005
19. Zonal Urban Plan for the Obor Intermodal Node, Beneficiary: Metroul SA, Bucharest, 2005
20. Zonal Urban Plan for the Gara de Nord Intermodal Node, Beneficiary: Metroul SA, Bucharest, 2005
21. Zonal Urban Plan for the Piața Sudului Intermodal Node, Beneficiary: Metroul SA, Bucharest, 2005
22. Zonal Urban Plan for the Văcărești Lake Area, Beneficiary: Metroul SA, Bucharest, 2005
23. Zonal Urban Plan for Herăstrău Park, Beneficiary: Ion Mincu University of Architecture and Urbanism, Bucharest, 2001
24. Zonal Urban Plan for Tineretului Park, Beneficiary: Ion Mincu University of Architecture and Urbanism, Bucharest, 2001
25. Zonal Urban Plan for Carol Park, Beneficiary: Ion Mincu University of Architecture and Urbanism, Bucharest, 2003
26. Zonal Urban Plan for Cișmigiu Park, Beneficiary: Ion Mincu University of Architecture and Urbanism, Bucharest, 2003

C. LEADERSHIP AND MEMBERSHIP IN DEVELOPING STRATEGIES AND POLICIES

1. National Sustainable Development Plan 2030, Beneficiary: Government of Romania
2. National Plan for Addressing Priority Pathways of Introduction of Invasive Alien Species, Beneficiary: Ministry of Environment, Waters and Forests
3. Climate Change Mitigation and Adaptation Plan for the Municipality of Miercurea Ciuc, Beneficiary: Miercurea Ciuc City Hall
4. Climate Change Mitigation and Adaptation Plan for the Municipality of Câmpulung, Beneficiary: Câmpulung City Hall
5. Climate Change Mitigation and Adaptation Plan for the Municipalities of Sibiu and Mediaș, Beneficiary: Sibiu County Council

6. Development of the Integrated Urban Development Strategy (SIDU) for the Municipality of Bucharest, planning and management of capital investments – Environment and Green-Blue Infrastructure component, Beneficiary: World Bank and Bucharest City Hall
7. National Biodiversity Conservation Strategy 2014–2020 – evaluation of implementation status, revision, and development of the monitoring system, Beneficiary: Ministry of Environment, Waters and Forests
8. Prioritized Action Framework for estimating the costs imposed by the implementation of conservation measures for habitats and species of community interest, according to Article 8 of the Habitats Directive, with emphasis on priority habitats and species (Article 8(3) of the Habitats Directive), for determining the funding needs of the Natura 2000 Network (2012, 2019), Beneficiary: Ministry of Environment, Waters and Forests
9. Local Environmental Action Plan for the Municipality of Bucharest, 2008, 2018 – Beneficiary: Bucharest Environmental Protection Agency
10. Regional Environmental Action Plan for the Bucharest-Ilfov Region, 2004 – Beneficiary: Bucharest-Ilfov Regional Environmental Protection Agency
11. Methodology for managing and resolving environmental conflicts in Natura 2000 sites, Beneficiary: UEFISCDI, Ministry of Environment, Waters and Forests
12. Management plans for protected areas (Iron Gates Natural Park, Putna Vrancea Natural Park, Ceahlău National Park, Cujejel Lake Nature Reserve, Pangarati and Vaduri Lakes Protected Areas, Integrated Management Plan for the Măcin area through revision and integration of management prescriptions for Natura 2000 sites (SPA Măcin-Niculitel and SCI Măcin Mountains), ROSPA0012 Brațul Borcea together with ROSCI0319 Mlaștina de la Fetești, IV.34. Pădurea Canton Hățiș and ROSCI0278 Bordușani - Borcea (excluding the area overlapping with ROSPA0017 Canaralele de la Hârșova), ROSCI0023 Mișina Waterfall and Nature Reserve 2818 Mișina Waterfall, ROSPA0112 Gherghița Plain including Nature Reserve B.6 Rodeanu Lake, ROSCI0030 Lăpușului Gorges together with National Interest Protected Area 2.583 Lăpușului Gorges) – Beneficiary: Administrations and custodians of protected natural areas

C. BOOKS AND BOOK CHAPTERS

a. BOOKS

1. Rozyłowicz L., Pătroescu M., Jiplea M.C., Bagrinovschi V., Baratki F., Dumbravă A.R., Ciocănea C.M., Gavrilidis A.A., Grădinaru S.R., Iojă I.C., Manolache S., Matache M.L., Nicolae I.M., Niță A., Niță M.R., Onose D.A., Popa E.M., Toboiu C.V., Vânău G.O. (2022) Iron Gates Natural Park: Monograph. *Culturae Hereditatem*, Bucharest.
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b.BOOK CHAPTERS

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13. Maria Pătroescu, Iojă, I.C. (2002), Poluarea fonică – o problemă acută în municipiul București, *Analele Universității din Craiova, Seria Geografie*, V, pag. 8-18 (10 pagini, 5 figuri), ISSN 1224-4112
14. Maria Pătroescu, Iojă, I.C. (2001), Protection and restoration measures of mountainous wetlands, *Analele Universității din București*, L, pg. 19-27 (9 pagini, 1 tabel), ISSN 1013-4115
15. Maria Pătroescu, Iojă, I.C. (2001), Zonele umede montane – ecosisteme fragile ecologic, *Analele Universității din Craiova, Seria Geografie*, IV, pg. 8-18 (10 pagini, 1 figură), ISSN 1224-4112

OTHER CONTRIBUTIONS

a. Classes and trainings

1. Main Courses Taught as a University Lecturer (University of Bucharest and Other Institutions)
2. Sustainable Environmental Planning – Geography specialization, Faculty of Geography
3. Strategic Environmental Assessment – Master's in Environmental Policies for Sustainable Development, Faculty of Geography
4. Multicriteria Environmental Assessment – Master's in Integrated Environmental Assessment, Faculty of Geography
5. Environmental Data Collection Methods – Master's in Integrated Environmental Assessment, Faculty of Geography
6. Environmental Geography – Environmental Geography specialization, Faculty of Geography
7. Course on Environmental Conflict Management in Protected Areas – for the Administration of Măcin Mountains National Park (2021)
8. Courses for staff of institutions under the Ministry of Environment on evaluating management plans for protected areas (2018)
9. Training about adaptation to climate change (2023, 2025)
10. Training courses for future staff of the Lower Prut Floodplain Natural Park Administration (2007, 2010)
11. Training courses for rangers in protected areas in western Vrancea County (2005)
12. Training courses for local authorities on implementing the CITES Convention in Romania (2005)
13. Training courses for rangers in Iron Gates Natural Park (2004, 2020)
14. Environmental Impact Assessment Course – METROUL SA (2003)

b. Membership in Professional Associations

1. Society for Urban Ecology – Treasurer and President of the South-Eastern Chapter
2. American Association for the Advancement of Science – Member
3. Romanian Geographical Society – Member
4. Global Land Programme – Land Use Group – Member
5. Urbio - Member

c. Editorial Board Memberships in ISI and BDI Journals

1. Carpathian Journal for Earth and Environmental Science – Associate Chief Editor
2. Journal of Urban and Regional Analysis – Editorial Board Member
3. Present Environment and Sustainable Development – Editorial Board Member
4. Frontiers in Environmental Sciences – Editor
5. Annals of the University of Bucharest – Geography Series – Editorial Board Member

d. Member of Organizing Committees for International Scientific Events

1. 3rd SURE World Conference – “Cities as Socio-Ecological Systems”, July 7–9, 2021, Poznań, Poland
2. Urban Transformation – SURE meets SURE Institutional Members, July 17–18, 2022, Dresden, Germany
3. International Symposium “Urban Ecology and Urban Ecosystem Management”, May 10–12, 2023, Izmir, Turkey
4. Workshop “Paradigm Shift in Urban Ecology”, November 17–19, 2023, Bucharest
5. 14th Conference on Sustainable Built Environment, December 16–18, 2023, Kandy, Sri Lanka
6. SURE Summer School “URBAN + COAST”, September 2–8, 2023, Istanbul, Turkey
7. 15th Conference on Sustainable Built Environment, December 20–22, 2024, Kandy, Sri Lanka
8. International Workshop “Coastal Resilience & Nature-based Solutions”, May 14–16, 2024, Izmir, Turkey
9. 1st Climate Fest, May 17, 2024, Izmir, Turkey
10. Symposium “Urban Nature Design and Management”, March 2, 2024, Tabriz, Iran
11. Workshop of the South-Eastern Chapter of the Society for Urban Ecology – Challenges in Societal Sharing of Urban Ecology Research, April 8–11, 2024, Sinaia, Romania
12. Workshop “Considering Ecological Dimension in Urban Planning”, May 8–9, 2025, Shanghai, China
13. 4th SURE World Conference – “Cities Under Global Social Transformations: Embracing Change for a Greener Future”, July 16–19, 2025, Istanbul, Turkey
14. SURE Sino-European Workshop on Conservation and Perception of Urban Nature, July 14–15, 2025, Istanbul, Turkey
15. International Conference on Nature-based Solutions, May 8–9, 2025, Izmir, Turkey
16. SURE Symposium “Climate Change and Urban Ecosystem Management”, February 22–23, 2025, Tabriz, Iran

e. Invited Speaker at Scientific Events

1. International Symposium “Urban Ecology and Urban Ecosystem Management”, May 10–12, 2023, Izmir, Turkey
2. (Repeated) International Symposium “Urban Ecology and Urban Ecosystem Management”
3. 14th Conference on Sustainable Built Environment, December 16–18, 2023, Kandy, Sri Lanka
4. SURE Summer School “URBAN + COAST”, September 2–8, 2023, Istanbul, Turkey
5. 15th Conference on Sustainable Built Environment, December 20–22, 2024, Kandy, Sri Lanka
6. International Workshop “Coastal Resilience & Nature-based Solutions”, May 14–16, 2024, Izmir, Turkey
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9. SURE Sino-European Workshop on Conservation and Perception of Urban Nature, July 14–15, 2025, Istanbul, Turkey
10. SURE Symposium “Climate Change and Urban Ecosystem Management”, February 22–23, 2025, Tabriz, Iran

f. PhD Thesis Committees Abroad

1. Dania Amjad – Estimation and Analysis of the Role of Urban Green Spaces (UGSS) on Carbon Sequestration in Lahore, Pakistan, University of the Punjab, 2024
2. Saba Akram – Site-Specific Flood Risk Assessment of Chaj Doab, Punjab, Pakistan, University of the Punjab, 2024
3. Mohammad Ibrahim – Spatial Assessment of Residential Water Demand, Supply, Management, and Its Impacts on Water Quality in Mardan City, Khyber Pakhtunkhwa, Pakistan, University of Peshawar, 2024
4. Sana Arshad – Spatiotemporal Evaluation of Climate Change on Agro-Ecological Potential in the Arid Region of Southern Punjab: A Geoinformatics Perspective, University of Karachi, 2024
5. Hina Yaqub – Geographical Assessment of Dust Storms Over Punjab: A Geo-Spatial Perspective, University of the Punjab, 2024
6. Adila Shafqat – Accessibility and Socio-Ecological Connectivity Across Urban Green Spaces and Peri-Urban National Park: A Case of Bahawalpur City, University of the Punjab, 2023
7. Mareena Khurshid – Urban Morphology and Landscape Changes in Dera Ghazi Khan City, University of the Punjab, 2022
8. Sarwat Shahzadi – Changing Climate of Lahore, Pakistan: Suggesting Nature-Based Solutions from a Planning Perspective, University of the Punjab, 2021
9. Ana Magdalena Baidan – Bucharest Facing Contemporary Urban Challenges: Development and Planning Dynamics in a Capital of the “New Europe”, University of Lille, 2016
10. Faculty Position Selection Committee, University of the Punjab, 2021

30.10.2025