

Publication list

Professor Cristian Iojă

A. BOOKS

1. **Cristian Iojă** (2013), *Methods for environmental assessment and research*, Etologic Press, Bucharest
2. Maria Pătroescu, **Cristian Iojă**, Laurențiu Rozyłowicz, Gabriel Vânău, Mihai Niță, Iulia Pătroescu Klotz, Annemarie Iojă (2012), *Integrated Assessment of Environmental State in Residential Areas*, Romanian Academy Press, Bucharest
3. **Cristian Iojă** (2008), *Metode si tehnici de evaluare a calitatii mediului in aria metropolitana a municipiului Bucuresti*, Editura Universitatii din Bucuresti, Bucuresti, ISBN 978-973-737-485-1
4. Richard Primack, Maria Pătroescu, Laurentiu Rozyłowicz, **Cristian Iojă** (2008), *Fundamentele conservării diversității biologice*, Editura AGIR, București, pg 650, 973-720-191-1
5. Maria Pătroescu, Ilie Chincea, Laurentiu Rozyłowicz, Carmen Sorescu, Irina Goia, Gheorghe Groza, Eugen Fratila, **Cristian Iojă**, Bogdan Bădescu, Alexandru Crișan, Nicolae Crăciun (2007), *Pădurile cu pin negru de Banat – SIT NATURA 2000*, Editura Brumar, Timișoara, ISBN 978-973-602-292-0
6. Violette Rey, Ioan Ianoș, Octavian Groza, Maria Pătroescu (2007), *Atlas de la Roumanie*, ed. Nouvelle, RECLUS, Franța, ISBN 978-2-11-006879-8 (208 pagini) (**colaborator principal**)
7. Violette Rey, Ioan Ianoș, Octavian Groza, Maria Pătroescu (2006), *Atlasul României*, Editura RAO, București, ISBN 973-8175-34-8 (168 pagini) (**colaborator principal**)
8. Richard Primack, Maria Pătroescu, Laurențiu Rozyłowicz, **Cristian Iojă**, (2002), *Conservarea diversității biologice*, Editura Tehnică, București (288 pagini), ISBN 973-31-2102-9

B. BOOK'S CHAPTERS

1. **Cristian Iojă**, Niță M., Stupariu I. (2014), *Resource Conservation: Key Elements in Sustainable Rural Development*, in Andreopoulou, Z., Samathrakakis, V., Louca, S., Vlachopoulou, M. (eds.), *E-Innovation for Sustainable Development of Rural Resources During Global Economic Crisis*, IGI Global Press, 80-98
2. **Cristian Iojă**, Laurențiu Rozyłowicz, Maria Pătroescu, Mihai Niță, Diana Onose (2013), *Agriculture and conservation in the Natura 2000 network – a sustainable development approach of the European Union*, in *Geographic Information Systems: Concepts, Methodologies, Tools, and Applications*, pages 1276-1296, DOI: 10.4018/978-1-4666-2038-4.ch077.
3. **Cristian Iojă**, Laurențiu Rozyłowicz, Maria Pătroescu, Mihai Niță, Diana Onose (2011), *Agriculture and conservation in the Natura 2000 network – a sustainable development approach of the European Union*, in Z.Andreopoulou, B.Manos, N.Polman, D. Viaggi, (eds.), *Agricultural and environmental informatics, governance and management: Emerging research applications*, pag. 339-358, IGI Global,
4. Maria Pătroescu, **Cristian Iojă**, Iulia Pătroescu-Klotz, Radu Necsuliu (2006), *Umweltqualität in Rumänien*, în T. Kahl, K. Methelthin, Al. Ungureanu (eds.), Rumänien, LIT VERLAG, Viena, Austria, pg. 151-167

C. REPRESENTATIVE SCIENTIFIC PAPERS

C1. ISI papers

1. **Iojă, I.C.**, Grădinaru, S.R., Onose, D.A., Vânău, 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), Impact Factor 2,133, [dx.doi.org/10.1016/j.ufug.2014.07.002](https://doi.org/10.1016/j.ufug.2014.07.002)
2. Tudor, C.A., **Iojă, I.C.**, Stupariu, I., Niță, M., Hersperger, A. (2014), *How successful is the resolution of land-use conflicts? A comparison of cases from Switzerland and Romania*, *Applied Geography*, 47, 125-136, Impact Factor 2,650, [dx.doi.org/10.1016/j.apgeog.2013.12.008](https://doi.org/10.1016/j.apgeog.2013.12.008)
3. **Iojă, I.C.**, Niță, M.R., Vânău G.O., Onose, D.A., Gavrilidis A.A. (2014), *Using multi-criteria analysis in identifying spatial land-use conflicts in the Bucharest Metropolitan Area*, *Ecological Indicators*, 42(1), p.112-121, Impact Factor 3,230, [dx.doi.org/10.1016/j.ecolind.2013.09.029](https://doi.org/10.1016/j.ecolind.2013.09.029)
4. Niță, M.R., **Iojă, I. C.**, Rozyłowicz, L., Onose, D., Tudor, A. (2014), *Land use consequences of cemeteries evolution in Bucharest Metropolitan Area*, *Journal of Environmental Planning and Management*, 57(7), p. 1066-1082, Impact Factor 1,455, DOI:10.1080/09640568.2013.815607
5. Cârstea, E.M., **Iojă, C.I.**, Savastru, R., Gavrilidis, A. (2013), *Spatial characterization of urban lakes*, *Romanian Reports in Physics*, 63(3), 1092-1104, Impact Factor: 1,137, http://www.rp.infm.ro/2013_65_3.html
6. Pavelescu, G. Ghevruse, L., **Iojă, C.**, Donțu, S., Spiridon, R. (2013), *Spectral fingerprints of groundwater organic matter in rural areas*, *Romanian Reports in Physics*, 63(3), 1105-1113, Impact Factor: 1,137, http://www.rp.infm.ro/2013_65_3.html
7. Tudor, A.C., **Iojă, I.C.**, Hersperger, A., Patru-Stupariu, I. (2013), *Is the Residential Land Use Incompatible with Cemeteries Location? Assessing the Attitudes of Urban Residents*, *Carpathian Journal of Earth and Environmental Sciences*, 8(2), p. 153 – 162, Impact Factor: 1.459, www.ubm.ro/CJEEES/viewTopic.php?topicid=329
8. Ghevruse, L., **Iojă, I.C.**, Carstea, E., Pavelescu, G. (2012), *Human Daily Activities Reflected by the Ecological State of Natural Water Resources*, *Environmental Engineering and Management Journal*, 11(3), p.567-571, Impact Factor: 1.117, omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no3/7_738_Ghevruse_11.pdf
9. **Iojă, I.C.**, Rozyłowicz, L., Pătroescu, M., Niță, M., Vanau, G. (2011), *Dog walkers' vs. other park visitors' perceptions: The importance of planning sustainable urban parks in Bucharest, Romania*, *Landscape and Urban Planning*, 103 (1), p.74– 82 (Impact Factor 2,314), [dx.doi.org/10.1016/j.landurbplan.2011.06.002](https://doi.org/10.1016/j.landurbplan.2011.06.002)
10. **Iojă, I.C.**, Pătroescu, M., Rozyłowicz, L., Popescu, V., Zotta, M., Verghelet, G., Felciuc, M. (2010), *The efficacy of Romania's protected areas network for conserving biodiversity*, *Biological Conservation*, 143 (11), p. 2468–2476 (Impact Factor 3.794), [dx.doi.org/10.1016/j.biocon.2010.06.013](https://doi.org/10.1016/j.biocon.2010.06.013)
11. Pfeiffer, E., Pavelescu, G., Baker, A., Roman, C., **Iojă, I.C.**, Savastru, D. (2008), *Pollution analysis on the Arges River using fluorescence spectroscopy*, *Journal of Optoelectronics and Advanced Materials*, 10(6), p. 1489 – 1494, Impact Factor 0,516, joam.inoe.ro/download.php?idu=1438

Impact factor: 20,91. Individual impact factor: 4,14

C2. ISI indexed papers

1. Grădinaru, S.R., **Iojă, I.C.**, Pătru - Stupariu, I., Niță, M.R., Gavrilidis, A.A., Cârstea, E. (2013), *Land abandonment changes between 2005 and 2008 in Bucharest city*, *Procedia Technology*, Volume 8, 2013, Pages 536-539
2. **Iojă, C.**, Tudor, C.A. (2012), *Temporal Analysis of Incompatible Land-Use and Land-Cover: The Proximity between Residential Areas and Gas Stations in Bucharest Suburban Area*, *Procedia Environmental Sciences*, 14, p. 49-58
3. **Iojă, C.**, Onose, D.A., Grădinaru, R.S., Șerban, C. (2012), *Waste Management in Public Educational Institutions of Bucharest City, Romania*, *Procedia Environmental Sciences*, 14, p.71-78
4. Cârstea, M.E., Ghevruse, L., Pavelescu, G., **Iojă, C.** (2012), *Correlation of Dissolved Organic Matter Fluorescence and Several Metals Concentration in a Freshwater System*, *Procedia Environmental Sciences*, 14, p.41-48
5. **Iojă, C.**, Pătroescu, M., Niculița, L., Pavelescu, G., Niță, M., Iojă, A. (2008), *Residential areas with Deficient Access to Urban Parks in Bucharest – Priority Areas for Urban Rehabilitation*, *Environmental Problems and Development*, pag. 71-74

6. Ioja, C., Patroescu, M., Matache, M., Pavelescu, G., Damian, R. (2007), *Environmental Impact Assessment of the Vegetable Cultivations using the Pimenetel-Euleistein Model. Case Study Arges Lower Watershed*, in Valentin Plesu si Paul Serban Agachi (eds.), Computer Aided Process Engineering, 24, 1247-1252

C3. International Data Bases Papers

1. Iojă, C., Niță, M., Ciocănea, C., Cucu, A., Onose, D., Iojă, A. (2011), *The endowment of residential spaces with domestic appliances in Bucharest – indicator in environmental quality assessment*, International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars, USCUDAR - Proceedings, pp. 125-129 (SCOPUS)
2. Niculiță, L., Iojă, C., Tudor, A., Iojă, A. (2011), *Evaluation of environmental impact caused by new residential areas in the Bucharest Metropolitan Area*, International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars, USCUDAR - Proceedings, pp. 130-135 (SCOPUS)
3. Iojă, C., Onose, D., Niță, M., Vânău, G., Pătroescu, M., Gavrilidis, A., Saghin, I., Zarea, R. (2011), *The conversion of agricultural lands into built surfaces in Romania*, International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars, USCUDAR - Proceedings, pp. 115-120 (SCOPUS)
4. Pătroescu, M., Vânău, G., Niță, M.R., Iojă, C., Iojă, A. (2011), *Land Use Change in the Bucharest Metropolitan Area and its Impacts on the Quality of the Environment in Residential Developments*, Forum Geografic, 10(1), 177-186 (Index Copernicus, EBSCO)
5. Patroescu, M., Ioja, C., Rozyłowicz, L., Nita, M., Vanau, G., Ioja, A., Onose, D. (2010), *Indoor environmental quality in Bucharest residential areas*, Forum Geografic, nr.9 (1), pag. 97-106 (Index Copernicus, EBSCO)
6. Iojă, C., Onose, D., Cucu, A., Ghervase, L. (2010), *Changes in water quality in the lakes along Colentina River under the influence of the residential areas in Bucharest*, Selected Topics in Energy, Environment, Sustainable Development and Landscaping, p. 164-169 (SCOPUS)
7. Ghervase, L., Ioja, C., Carstea, E., Savastru, D., Pavelescu, G., Nita, M., Niculita, L. (2010), *Spectroscopic and physico-chemical evaluation of lentic ecosystems from Bucharest City*, Selected Topics in Energy, Environment, Sustainable Development and Landscaping, pag. 272-277 (SCOPUS)
8. Iojă, C., Pătroescu M., Niță, M., Rozyłowicz, L., Ioja, A., Onose, D. (2010), *Categories of residential spaces after their accessibility to urban parks – indicator of sustainability in human settlements*, WSEAS Transactions on Environment and Development, 6(5), p.307-316 (SCOPUS)
9. Pătroescu, M., Iojă, C., Niță, M., Vânău, G. (2008), *Identifying and hierarchising areas with environmental dysfunctions determined by deficient waste management in the Bucharest metropolitan areas*, Present environment and Sustainable Development, vol 2 (1), pag. 119-126 (GoogleScholar, DOAJ)
10. Patroescu, M., Ioja, C., Necsuliu, R. (2007), *The impact of agricultural degradation sources on the environmental quality in Bucharest's metropolitan area*, Present Environment and Sustainable Development, vol 1(1), pag. 84-91 (GoogleScholar, DOAJ)
11. Patroescu, M., Dragomirescu, Ș., Ioja, C., Niță, M. (2007), *Regional activities parks – partnership opportunities in environmental protection*, Present environment and Sustainable Development, vol 1(1), pag. 73-83 (GoogleScholar, DOAJ)
12. Patroescu, M., Rozyłowicz, L., Ioja, C. (2007), *Indicators used in assessing the fragmentation generated by the transportation infrastructure on the habitats of a communitarian importance in Romania*, Present environment and Sustainable Development, vol 1(1), pag. 37-45 (Google Scholar, DOAJ)
13. Iojă, C., Pătroescu, M. (2005), *The Role of the Parks in Bucharest City Urban Ecosystem. Case Study Herastrau Park*, Lucrarile Seminarului Geografic Dimitrie Cantemir, 25 (1), pag. 235-243 (Index Copernicus)

C3. International Data Bases Papers (only Google Scholar)

1. Onose, D., Iojă, C., Vânău, O., Niță, R., Ciocănea, C., Mirea, D. (2013), *Spatial and Temporal Dynamics of Residential Areas Affected by the Industrial Function in a Post-Communist City – Case Study Bucharest*, Real Corp 2013, p.822-830
2. Saghin, I., Ioja, C., Gavrilidis, A. (2012), *Perception of the Industrial Areas Conversion in Romanian Cities-Indicator of Human Settlements Sustainability*, Proceedings of 48th Isocarp Congress Perm / Russia 10-13 September 2012, Fast Forward – Planning In A (Hyper) Dynamic Urban Context
3. Saghin, I., Gavrilidis, A., Ioja, C. (2011), *Urban Regeneration through Industrial Restructuring of Brownfields in the Local Economies of Post-Communist Countries. Case study: Romania*, Isocarp Congress 2011 Wuhan
4. E. M. Carstea, G. Pavelescu, Cristian Iojă, L. Cristescu, *Evaluation of the anthropogenic impact on surface water systems: case of Lower Arges Basin, Romania*, Proc. 8th World Wide Workshop for Young Environmental Scientists WWW-YES 2009: Urban waters: resource or risks? 2-5 June 2009, Franta, p 110/188 – 116/188
5. Maria Pătroescu, Mihai Niță, Cristian Iojă, Gabriel Vânău (2009), *New residential areas in Bucharest Metropolitan Area, location, type and characteristics*, Real Corp 2009 Proceedings, 2009, 767-772
6. Maria Pătroescu, Mihai Niță, Cristian Iojă, Gabriel Vânău (2009), *The ecological footprint - indicator for analysing the environmental impact of residential surfaces in metropolitan areas. Case study Bucharest Metropolitan Area*, Real Corp 2009 Proceedings, 2009, 887-892
7. Maria Pătroescu, Mihai Niță, Cristian Iojă, Gabriel Vânău, Laurențiu Rozyłowicz (2008), *Ecological footprint assessment of Trans-Carpathian road network upon closed vegetation formations (forests)*, Conference Proceedings Transportation and Land Use Interaction TRANSLU08, Editura Politehnica, pag. 203-216 (14 pagini, 2 figuri, 2 tabele), ISSN 1844-9050
8. Maria Pătroescu, Cristian Iojă, Mihai Niță, Gabriel Vânău (2008), *Identifying and hierarchising areas with environmental dysfunctions determined by deficient waste management in the Bucharest metropolitan areas*, Present environment and Sustainable Development, vol I, pag. 82-89 (8 pagini, 2 figuri), ISSN 1843-5971
9. Marius Matache, Cristian Ioja, Carmen Hura, Gabriel Vânău (2008), *Assessing seasonal changes in Organochlorine Pesticides Concentration in the sediments of Argeș River*, Proceedings of 9 th International HCH and Pesticides Forum for Central and Eastern European, Caucasus and Central Asia Countries, pag. 194-199(6 pagini, 7 figuri, 2 tabele), ISBN 978-9975-70-707-7
10. Maria Patroescu, Cristian Ioja, Radu Necsuliu (2007), *The impact of agricultural degradation sources on the environmental quality in Bucharest's metropolitan area*, Present environment and Sustainable Development, vol II, pag. 125-132 (8 pagini, 4 figuri), ISSN 1843-5971
11. Maria Patroescu, Șerban Dragomirescu, Cristian Ioja, Mihai Niță (2007), *Regional activities parks – partnership opportunities in environmental protection*, Present environment and Sustainable Development, vol I, pag. 71-81 (11 pagini, 9 figuri), ISSN 1843-5971
12. Maria Patroescu, Laurențiu Rozyłowicz, Cristian Ioja (2007), *Indicators used in assessing the fragmentation generated by the transportation infrastructure on the habitats of a communitarian importance in Romania*, Present environment and Sustainable Development, vol I, pag. 39-46 (8 pagini, 4 figuri, 1 tabel), ISSN 1843-5971
13. Cristian Iojă, Maria Pătroescu, Annemarie Iojă (2007), *Indicators for environmental quality assessment in urban parks. Case study Bucharest city (Romania)*, Proceedings of the 2nd International Congress on Environmental Planning and Management, 5-10 august 2007, Germania, pag. 99-102 (4 pagini,, 2 figuri, 1 tabel, ISBN 978-3-7983-2050-5)
14. Cristian Ioja, Maria Pătroescu, Gabriel Vânău, Annemarie Ioja (2007), *Noise pollution in Bucharest urban parks (Romania)*, in A. Kungulos, K. Aravossis, A. Karagiannidis, P. Samaras (eds.), Proceedings of SECOTOX Conference and the International Conference on Environmental Management, Engineering, Planning and Economics, 24-28 iunie 2007, Skiathos, Vol. III, pag 2615-2620, (6 pagini, 7 figuri, 3 tabele), ISBN 978-960-89818-1-2
15. Cristian Ioja, Marius Matache, Gabriela Pavelescu, Maria Patroescu, Lidia Niculita, *Water quality changes in the Arges Lower Basin under the influence of the human activities – dissolved oxygen dynamic*, in A. Kungulos, K. Aravossis, A. Karagiannidis, P. Samaras (eds.), Proceedings of SECOTOX Conference and the International Conference on Environmental Management, Engineering, Planning and Economics, 24-28 iunie 2007, Skiathos, Vol. II, pag 783-788, (6 pagini, 2 figuri, 1 tabel), ISBN 978-960-89090-9-0

16. Maria Pătroescu, Laurentiu Rozyłowicz, **Cristian Ioja**, *Environmental impact assessment of the roads systems on the major protected areas from mountain areas (Romania)*, in Zvonimir Guzovic, Neven Guic, Marko Ban (eds.), Proceedings of 4th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment System, 4-8 iunie 2007, Dubrovnik, Croatia, (8 pagini, 6 figuri, 1 tabel), ISBN 13: 978-953-6313-87-7 (versiune CD)
17. Irina Goia, Gheorghe Groza, **Cristian Ioja**, Matache Marius (2007), Multidisciplinary research as premises for the ecological restoration of the Lower Prut Natural Park, 5th European Conference on the Conservation of Wild Plants in Europe, Cluj Napoca, România
18. Marius Matache, **Cristian Ioja**, Carmen Hura, Gabriela Pavelescu, Mariana Stanculescu (2007), Temporal Trends of organochlorine pesticides concentration in the sediments of Arges River, 17th Annual Meeting of the Society for Environmental Toxicology and Chemistry, Porto
19. Marius Matache, Alin Tudorache, Constantin Marin, **Cristian Ioja** (2007), Considerations on the Arges river Chemistry with special emphasis on the toxic compounds, EUROanalysisXIV, 9-14 septembrie, Antwerp
20. Maria Patroescu, **Cristian Ioja**, Laurentiu Rozyłowicz, Gabriel Vanau, Mihai Nita, Iulian Niculae, Mariana Dobre, Annemarie Ioja (2007), Perception evaluation on the impact of transport infrastructure upon human community's cohesion from Romania's development regions crossed by the 4th Pan-european corridor, the 7th Moravian Geographical Conference CONGEO2007, 27-31 august, Brno
21. Radu Damian, Lidia Niculiță, **Cristian Iojă**, Marius Matache, Maria Pătroescu, Cristian Roman, Sorin Marginean, Gabriela Pavelescu, Daniel Savastru, Jeni Ciuciu, Mariana Stanculescu, George Chiriac, Sorina Capra, Corina Cata (2006), *Environmental Quality Changes in the Argeș Lower Basin*, in Maria Patroescu si Marius Matache (eds.), Proceedings of 2nd International Conference on Environmental Research and Assessment, Bucharest, 5-8 octombrie 2006, pag. 344-349 (6 pagini, 1 tabel, 3 figuri), ISSN 1842-4201
22. Maria Pătroescu, Mariana Dobre, Radu Necșuliu, **Cristian Ioja**, Laurențiu Rozyłowicz, *Impact assessment on the Pinus nigra ssp. Banatica site by natural and antropoc causes in the area of the Domogled-Valea Cemei National Park*, in Maria Patroescu si Marius Matache (eds.), Proceedings of 2nd International Conference on Environmental Research and Assessment, Bucharest, 5-8 octombrie 2006, pag. 350-361 (12 pagini, 7 figuri), ISSN 1842-4201
23. **Cristian Ioja**, Maria Pătroescu, Annemarie Ioja (2006), *The evaluation of the ecological and improvement of the environmental quality functions of the urban and metropolitan green area*, in Maria Patroescu si Marius Matache (eds.), Proceedings of 2nd International Conference on Environmental Research and Assessment, Bucharest, 5-8 octombrie 2006, pag. 141-145 (5 pagini, 1 tabel), ISSN 1842-4201
24. Laurențiu Rozyłowicz, Mariana Dobre, **Cristian Ioja**, Radu Necșuliu, Maria Pătroescu (2006), *The risk of habitat fragmentation caused by the Romanian transport infrastructure*, in Maria Patroescu si Marius Matache (eds.), Proceedings of 2nd International Conference on Environmental Research and Assessment, Bucharest, 5-8 octombrie 2006, pag. 362-366 (5 pagini, 2 figuri), ISSN 1842-4201
25. **Cristian Ioja**, Marius Matache (2006), *Nitrogen compounds dynamic in Arges Lower Basin*, in Maria Patroescu si Marius Matache (eds.), Proceedings of 2nd International Conference on Environmental Research and Assessment, Bucharest, 5-8 octombrie 2006, pag. 336-343 (8 pagini, 2 tabele, 8 figuri), ISSN 1842-4201
26. **Cristian Ioja**, Mariana Dobre (2006), *Pollution sources distribution in the Arges River lower watershed*, Papers and Invited lectures presented at 1st International Summer School „Optoelectronic Techniques for Environmental Monitoring and Risk Assessment”, pg. 238-242 (4 pagini, 3 figuri). ISBN 978-973-85818-8-3
27. **Cristian Iojă** (2005), Environmental quality in Bucharest metropolitan area (Romania), 6th Open Meeting of the Human Dimensions of Global Environmental Changes Research Community, Bonn, 2005
28. Maria Pătroescu, **Cristian Iojă**, Viorel Popescu, Radu Necșuliu (2004), *Noise pollution generated by road traffic*, Proceedings of CODATU XI Towards More Attractive Urban Transportation, Bucharest, p. 335-341 (7 pagini, 4 figuri, 1 tabel)
29. **Cristian Iojă**, Viorel Popescu (2003), *Demographical Issues and their replication in the quality of environment in western part of Vrancea county*, First International Conference on Environmental Research and Assessment, Editura Ars Docendi, București, pg.707-721 (15 pagini, 12 figuri), ISBN 973-558-077-2
30. Marius Matache, **Cristian Iojă**, Constantin Pătroescu (2003), *Dynamic of dissolved oxygene in water of the Dunare between 1997 and 1999 (Bazias-Bahna Mouth)*, First International Conference on Environmental Research and Assessment, Editura Ars Docendi, București, pg. 391-397 (7 pagini, 2 tabele, 7 figuri), ISBN 973-558-077-2
31. Maria Pătroescu, **Cristian Iojă**, Daniela Dumitrașcu, Laurențiu Rozyłowicz, Radu Necșuliu, Viorel Popescu, Cristian Tetelea, Marius Matache (2003), *Bucharest – elements of urban ecology*, First International Conference on Environmental Research and Assessment, Editura Ars Docendi, București, pg.763-764 (2 pagini), ISBN 973-558-077-2

D. RESEARCH GRANTS

a. International research grants

1. LIFE10 NAT/RO/740 - Improving the conservation status for the priority species and habitats in the Iron Gates wetlands. 2012-2016, Project financed by the EU - DG Environment (responsible for Environmental Degradation Sources Assessment)
2. ESPON Targeted Analysis Based on User Demand 2013/2/19 Growth Poles in South-East of Europe 2012-2013, European Commission (environment expert)
3. LIFE NATURE Ecological restoration of Lower Prut Floodplain Natural Park, European Commission, 2005-2009 (**responsible** for following actions: *Abiotic resources inventory from Lower Prut Floodplain Natural Park*, Social and economical assessment of settlements situated in neighborhood of *Lower Prut Floodplain Natural Park*, *Environmental impact assessment of human activities in Lower Prut Floodplain Natural Park*, *Lower Prut Floodplain Natural Park Ecosystems carrying capacity assessment*, *Zoning of Lower Prut Floodplain Natural Park*, *Management plan of Lower Prut Floodplain Natural Park*)
4. LIFE NATURE *Enhancing the protection system of large carnivores in Vrancea County*, European Commission, 2005-2009 (responsible for following actions: *Management plans for NATURA 2000 sites from Vrancea county*)
5. LIFE NATURE Iron Gates – Habitat conservation and Management, European Commission, 2000-2004 (member in the work team for Iron Gates National Park management plan)
6. LIFE NATURE In situ conservation of Large Carnivore in Vrancea County, European Commission, 2001-2005 (**responsible** of the action *Social and economical assessment of settlement and sheepfold from Vrancea county*)

b. Director / coordinator of national research grants

1. Dynamic Interaction between human and natural components based on synergy between human and natural factors in fast growing urban areas, PN II Parteneriate, 2012-2015 (responsible of University of Bucharest), 700000 lei
2. Elaboration of the visiting strategy in Natura 2000 site SPA0071 Lunca Siretului Inferior, Asociația pentru Conservarea Diversității Biologice, 2012-2014 (director), 110000 lei
3. Modelling of environmental impact induced by the typologies of incompatible land uses in human settlements, PN II Human Resources – TE, 2011-2014 (**director**), **692 500 RON**
4. Environmental management in urban residential areas due to climate changes, PN II Parteneriate, 2008-2011 (**coordinator of University of Bucharest**), **245 000 RON**
5. Organization and testing of monitoring network of heat island effect in urban areas. Case study Bucharest, University of Bucharest grant, 2007-2008 (**director**), **27000 RON**

6. Water Quality Changes in the Arges Lower Basin under the Influence of the Human Activities, Mobility grant PN II for Researcher, 2007 (**director**), **5400 RON**
7. Integrated monitoring of urban oxygenating surfaces. Case studies green areas, CNCSIS, Young research project, 2007-2008 (**director**), **66500 RON**
8. Water impact assessment of human degradation sources on Lower Arges Basin, Program CEEEX, 2005-2008 (**coordinator of University of Bucharest**), **197000 RON**

c. Member in national research projects

1. Urban Heat Island Monitoring in present climate and under the influence of climate changes, STAR, 2013-2015, director Ionut Sandric, 180000 lei
2. Satellite Images Analysis for Fire Monitoring, ROSA, 2012-2015, director Mihai Bogdan, 198000 lei
3. Methodology for Integrated Environmental Quality Assessment in Residential Areas in Metropolitan Zones, PN – II Idei Proiecte de cercetare exploratorie, CNCSIS, 2008-2011, director Maria Pătroescu, 652770 RON
4. Ecocivic education for waste selective collection in universitaire campus, PN II – Parteneriate, 2008-2010 , director Maria Pătroescu, 135000 RON
5. Quantification of xenobiotics bioaccumulation in trophic chains in wetlands, PN II – Parteneriate, director Marius Matache, 700000 RON
6. Environmental impact assessment of waste management in Bucharest metropolitan areas, CNCSIS, 2007-2008, director Maria Pătroescu, 140000 RON
7. Interdisciplinary solution in territorial planning and transport, oriented throught sustainable development and life quality, Programul Ceex, 2005-2007, director Maria Pătroescu, 97500 RON
8. Equipment for long-distance monitoring of industrial emissions, Program MENER, 2004-2006, director Maria Pătroescu, 9500 RON
9. Environmental state dyagnosis for air, water and soil quality assessment, Program MENER, 2002-2004, director Maria Pătroescu, 10500 RON
10. Regulation for ecological fragile areas protection, Beneficiar: INCD Urbanproiect, 2001-2002, director Maria Pătroescu, 1200 RON
11. Structure and distribution of natural habitats in Iron Gates Natural Park, Beneficiar CNCSIS, 2001-2003, director Maria Pătroescu, 23500 RON
12. Resources in South Western Development Region (Dolj, Gorj, Olt, Mehedinți and Vâlcea countis), Beneficiar ICIM, 2000-2002, director Maria Pătroescu, 10500 RON
13. Planning, protection and management of natural and sensitive areas for conserving Romanian Natural Capital, Beneficiar ANSTI, 1999, 2000, director Maria Pătroescu, 5000 RON
14. Environmental changes in mountains regions. Comparison between Romanian Carpathian Mountains and Swiss Alps, Beneficiar ANSTI, 1999, 2000, director Maria Pătroescu, 5000 RON
15. Rural Landscape Dynamics in Romania. Case study Romanian Plain: C.N.C.S.U., 1998, director Maria Pătroescu, 1500 RON
16. Environmental state in intracarpatic bassin, Beneficiar MCT, 1997-2000, director Maria Pătroescu, 2500 RON
17. Physical and chemical features of Danube river between Baziaș - Gura Bahna, Beneficiar: I.C.I.M. 1997-1998, director Maria Pătroescu, 1500 RON
18. Geoecological study of Romanian Danube valley, Beneficiar: C.N.C.S.U., 1997-1998, director Maria Pătroescu, 2500 RON
19. Environmental quality and dynamic in Romanian mountain areas, Beneficiar: MCT, 1997-1998, director Maria Pătroescu, 2500 RON
20. Lanscapes in Arges and Prahova counties, Benficiar MCT, 1997, director Maria Pătroescu, 2500 RON
21. Water Quality in Ialomița watersheed under the human activities impacts, Beneficiar CNCSU, 1997, director Maria Pătroescu, 1500 RON

11.08.2014