

Curriculum vitae

Professor Dr. Geta Rîșnoveanu

Dr. Geta Rîșnoveanu obtained her MSc in Biology in 1989 and PhD in Freshwater ecology in 1999 from the University of Bucharest, Romania. In 1990, Dr. Rîșnoveanu was appointed Assistant Professor at the Department of Systems Ecology and Sustainability (DSES), Faculty of Biology, University of Bucharest. She was promoted to Professor in 2007, and currently is the director of the Doctoral School in Ecology, sits on the department and faculty steering committee. She was the Head of the department (2011 -2019) and a member of the National Council for Certification of Titles, Diplomas and University Certificates (CNATDCU-2012-2020). During 2010 – 2018 she was invited professor at SciencePo, Lille, France, for the master degree on Public affairs and management of commons, teaching on Sustainable development in the Eastern European Countries. In 2018 she taught the same course at AgoParisTech for the master students enrolled in Gestion et ingénierie de l'environnement. In October 2021 she was an invited to teach a course on “The Role of riparian buffers for maintaining aquatic biodiversity and ecological processes” at University of Natural Resources and Life Sciences, Vienna (BOKU).

Her research activities were mainly addressed to structure, productivity and assessment of the ecological state of freshwaters; mechanisms of biological productivity and material and energetic fluxes in eutrophicated systems; aquatic – terrestrial interrelationships, assessment of species role in biogeochemical cycles; relationships between anthropogenic drivers, biodiversity and ecosystem functioning; structural and functional indices in monitoring of ecological systems; and conservation of biodiversity. Her research has mainly focused on invertebrates and processes in streams, lakes, riparian zones and wetlands, in the Danube River Basin.

Considering the challenges pose by implementation of sustainable development principles, she became more and more involved in researches focused on the value of biodiversity to society for a better assistance of the policy making process. She was involved in projects aiming to the assessment of urban ecosystem services, and of the species role as service providing units for socio-economic systems. During 2015-2016 she was the coordinator of the SEE financed project (Programme RO04 – ”Reduction of hazardous substances”) - Promoting the expertise in evaluation and monitoring of chemicals and hazardous substances in the environment - *ProExpert*”. Additionally, she was involved in an international project aiming to identification of major trends and driving forces affecting rural regions in Europe, the scales at which they do operate and how to adapt rural policies in the future to take account of these processes. Dr. Rîșnoveanu has been involved in >20 successful funding applications, coordinated the department’s team involved in the several research projects (EU: FPV - RIVFUNCTION, FPVI-FARO, SEE funded project -ProExpert and BioDivERsA funded project - CrossLink; national: PROMOTOR, T143). Currently, Dr. Rîșnoveanu coordinates the university team in a project which focuses on the identification and assessment of the ecosystem services provided by the Baneasa forest in Bucharest.

She has a long experience in human resource development and training of the decision makers who are involved in implementation of the EU policy concerning biodiversity conservation and sustainable management. She was very active in opening the universities towards the needs of policy makers and managers of the natural capital and sustainable development. Dr. Rîșnoveanu act as the main advisor and supervisor of the master and PhD students in Ecology.

Relevant publications:

1. **Rîșnoveanu G. (coord.), 2011** – Identificarea si caracterizarea sistemelor ecologice. Ed Ars Docendi, București, 489 pgs (ISBN 978-973-558-538-9) (indexata WorldCat database)
2. **Rîșnoveanu, G., 2010.** Caracterizarea sistemelor populationale. Editura Ars Docendi București, București, 392 pgs (ISBN -978-973-558-511-2) (indexata WorldCat database)
3. Holostenco D. N., Ciorpac M., Taflan E., Tošić K., Paraschiv M., Iani M., Honț S, Suci R. and **Rîșnoveanu G.***, 2021. Genetic Diversity of Stellate Sturgeon in the Lower Danube River: The Impact of

Habitat Contraction upon a Critically Endangered Population. *Water* 2021, 13, 1115. <https://doi.org/10.3390/w13081115>

4. Popescu C., Oprina – Pavelescu M., Dinu V., Cazacu C., Burdon J.F., Forio M.A.E., Kupilas B., Friberg N., Goethals P., McKie B.G and **Rîșnoveanu G.***. **2021**. The role of forested riparian buffers in structuring the riparian invertebrate communities in a catchment impacted by agriculture. *Water* 13, 188, pag 1-20 **Featured paper**
5. Kupilas B., F. J. Burdon, J. Thaulow, J. Håll, P. T. Mutinova, M. A. E. Forio, F. Witing, **G. Rîșnoveanu**, P. Goethals, B. G. McKie and N. Friberg, 2021. Forested riparian zones provide important habitat for fish in urban streams. *Water*, 13, 877, pag 1-19. **Featured paper**
6. Ramberg, E., F. J. Burdon, J. Sargac, B. Kupilas, **G. Rîșnoveanu**, D. C. P. Lau, R. K. Johnson and B. G. McKie (**2020**). "The Structure of Riparian Vegetation in Agricultural Landscapes Influences Spider Communities and Aquatic-Terrestrial Linkages." *Water* 12(10), doi.org/10.3390/w12102855. **Editor's choice article**.
7. Forio, M. A., N. De Troyer, K. Lock, F. Witing, L. Baert, N. D. Saeyer, **G. Rîșnoveanu**, **C. Popescu**, F. J. Burdon, B. Kupilas, N. Friberg, P. Boets, M. Volk, B. G. McKie and P. Goethals (**2020**). "Small Patches of Riparian Woody Vegetation Enhance Biodiversity of Invertebrates." *Water* 12, 3070, pag. 1-21, doi:10.3390/w12113070. **Editor's choice article**.
8. Sin T., Andrea Gazzola, Silviu Chiriac, **Rîșnoveanu G.***, **2019**. Wolf diet and prey selection in the South-Eastern Carpathian Mountains, Romania. *Plos One* 14(11):1-15, e0225424, <https://doi.org/10.1371/journal.pone.0225424>
9. Tieggs D.S., D.M. Costello, M.W. Isken, G. Woodward,, **G. Rîșnoveanu**,..... J.A. Zwart, **2019**. Global patterns and drivers of ecosystem functioning in rivers and riparian zones. *Science Advances* 2019; 5(1): eaav0486, 1-8. DOI: 10.1126/sciadv.aav0486 . (**Highly cited Web of science**)
10. **Rîșnoveanu G.**, Chiriac G., Moldoveanu M., **2017**. Robustness of the biotic indicators used for classification of ecological status of lotic water bodies: a testing method when the data series are short. *Ecological indicators*, 76: 170-177. <http://dx.doi.org/10.1016/j.ecolind.2016.11.044>. IF=4.514, AIS = 0.896
11. Woodward G., M.O. Gessner, P. S. Giller, V. Gulis, S. Hladyz, A. Lecerf, B. Malmqvist, B.G. McKie, S. D. Tieggs, H. Cariss, M. Dobson, A. Elosegi, V. Ferreira, M. A.S. Graça, T. Fleituch, J. O. Lacoursière, M. Nistorescu, J. Pozo, **G. Rîșnoveanu**, M. Schindler, A. Vadineanu, L. B.-M. Vought, Eric Chauvet, **2012**-Continental-Scale Effects of Nutrient Pollution on Stream Ecosystem Functioning, *Science*, VOL 336: 1438-1440. DOI: 10.1126/science.1219534. (**Highly cited Web of science**)
12. Hladyz S., S. D. Tieggs, M. O. Gessner, P. S. Giller, **G. Rîșnoveanu**, E. Preda, M. Nistorescu, M. Schindler, G. Woodward – **2010**. Leaf-litter breakdown in pasture and deciduous woodland streams: a comparison among three European Regions. Blackwell Publishing Ltd, *Freshwater Biology*, 55: 1916–1929, doi:10.1111/j.1365-2427.2010.02426.x
13. Lecerf A., **Rîșnoveanu G.**, Popescu C., Gessner M., Chauvet E., **2007**. *Decomposition of diverse litter mixtures in streams*. *Ecology* 88(1), 219-227. doi: 10.1890/0012-9658(2007)88[219:DODLMI]2.0.CO;2,
14. **Rîșnoveanu G.**, C. Postolache, A. Vădineanu, **2004**. *Ecological significance of nitrogen cycling by tubificid communities in shallow eutrophic lakes of the Danube Delta*, *Hydrobiologia*, **524** (1): 193-202, DOI 10.1023/B:HYDR.0000036133.92034.69 .
15. **Rîșnoveanu G.**, Vadineanu A., **2003**. *Long term functional changes within the oligochaeta communities in the Danube Delta*, *Hydrobiologia*, 506-509: 399-405, DOI 10.1023/B:HYDR.0000008597.03953.89 .