



## Personal information

Surname / First names **Doru Stelian BĂNĂDUC**

Official Addresses 1. Grădinilor Street, no. 251, Cisnădioara/Michelsberg, Cisnădie/Heltau, Sibiu County, **Romania**, RO-555301

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Nationality Romanian

Date of birth 11 August 1965

Gender male

Marital status widower

## Work experience

Dates 2017 – present

Occupation or position held Associate Professor

Main activities and responsibilities Teaching activities – courses, laboratories, seminars, field and projects activities in the field of ecology and environment protection and biology: environment degradation and protection; anthropogenic systems and risk assessment; principles of taxonomy and systematic; management of biological resources; ecological systems analysis; hidrobiology, ichtiology, etc. Scientific research activities – fundamental and applied aquatic, semi-aquatic and riparian biology and ecology, fish and benthic macroinvertebrates ecology and biology; aquatic, semi-aquatic and riparian systems assessment, monitoring and management; water, sediment, macro invertebrates and fish toxicology; etc.

Name and address of employer “Lucian Blaga” University of Sibiu (Faculty of Sciences) Bd-ul Victoriei, No. 31, Sibiu, **Romania** <https://www.ulbsibiu.ro/en/>

Type of business or sector Teaching and fundamental and applied research activities

Dates 2022 – present

Occupation or position held Referent

Main activities and responsibilities Referent in the Doctoral School Evaluation Commissions

Name and address of employer Doctoral School of Lucian Blaga University of Sibiu, Romania

Doctoral School in Ecology, Department of Systems Ecology and Sustainability, University of Bucharest, Romania

Doctoral School of Babeş-Bolyai University, Cluj-Napoca, Romania

Type of business or sector Research and Education

Dates 2018

Occupation or position held Associate Professor – Fullbright Teaching Scholar

Main activities and responsibilities Teaching activities – courses, laboratories, seminars, and field activities in the field of ecology and environment protection and biology.

Name and address of employer Broward College, 3501 SW Davie Road, Davie, Fort Lauderdale, Florida, **United States of America**  
<http://www.broward.edu/Pages/home.aspx>

Type of business or sector Courses, laboratories, seminars, and field activities in the field of ecology and environment protection and biology.

Dates	2008 – 2017
Occupation or position held	University Lecturer
Main activities and responsibilities	Teaching and research activities in the field of ecology, environment protection, and biology; aquatic continental systems assessment, monitoring and management; ecology, taxonomy and systematic of fish;
Name and address of employer	"Lucian Blaga" University of Sibiu, Faculty of Sciences, Bd-ul Victoriei, No. 31, Sibiu, România <a href="https://www.ulbsibiu.ro/en/">https://www.ulbsibiu.ro/en/</a>
Type of business or sector	Teaching and fundamental and applied research activities
Dates	1999 – 2008
Occupation or position held	University Associated Lecturer
Main activities and responsibilities	Teaching and research in the field of ecology, environment protection and biology; aquatic continental systems assessment, monitoring and management; ecology, taxonomy and systematic of fish;
Name and address of employer	„Lucian Blaga” University of Sibiu, Bd-ul Victoriei, No. 31, Sibiu, România <a href="https://www.ulbsibiu.ro/en/">https://www.ulbsibiu.ro/en/</a>
Type of business or sector	Teaching and fundamental and applied research activities
Dates	2006 - 2008
Occupation or position held	Head of Natural History Museum of Sibiu
Main activities and responsibilities	General and specific scientific activities management of the Natural History Museum of Sibiu.
Name and address of employer	Natural History Museum of Sibiu, St. Cetății, No. 1, Sibiu <a href="https://www.brukenthalmuseum.ro/naturale_en/index.html">https://www.brukenthalmuseum.ro/naturale_en/index.html</a>
Type of business or sector	Research (vertebrates), education and natural sciences collections management.
Dates	2000 -2005
Occupation or position held	Natural history curator
Main activities and responsibilities	Research, education and vertebrata collections management
Name and address of employer	Natural History Museum of Sibiu, St. Cetății, No. 1, Sibiu <a href="https://www.brukenthalmuseum.ro/naturale_en/index.html">https://www.brukenthalmuseum.ro/naturale_en/index.html</a>
Type of business or sector	Vertebrates fundamental and applied research, education and collections management
Dates	1995 - 2000
Occupation or position held	Curator
Main activities and responsibilities	Fish scientific research, education and fish collections management
Name and address of employer	„Grigore Antipa” National Museum of Natural History, Șos. Kiseleff, No. 1, Bucharest, România <a href="https://antipa.ro/">https://antipa.ro/</a>
Type of business or sector	Fish fundamental and applied research, education and fish collections management
Dates	2011 – 2012
Title of qualification awarded	Post Doctorate / Post Doctorate diploma
Principal subjects/occupational skills covered	The integrate management of the Carpathian rivers of first and second orders in bioeconomic and ecoeconomic context.
Name and type of organisation providing education and training	Romanian Academy Institute of Economic Research National Institute Costin C. Kirițescu, Bucharest, <b>Romania</b> <a href="http://www.ince.ro/">http://www.ince.ro/</a>
Dates	1997 – 2003
Title of qualification awarded	Doctor in Biology / Doctor diploma
Principal subjects/occupational skills covered	Gobio genus representatives' taxonomy, systematic and ecology.
Name and type of organisation providing education and training	Romanian Academy Institute of Biology, Bucharest, <b>Romania</b> <a href="http://www.ibiol.ro/en/">http://www.ibiol.ro/en/</a>

Dates	1990 – 1995									
Title of qualification awarded	Licentiate in Ecology, specialization Ecology/ Licence diploma									
Principal subjects/occupational skills covered	Zoology, Ecology, Human Impact, Monitoring, Mineralogy, Petrography, Geology, Geomorphology, Pedology, Hydrology, Climatology, Meteorology, Biogeography, Vegetal Anatomy, Animal Anatomy, Comparative Anatomy, Vegetal Physiology, Animal Physiology, Microbiology, Botany, etc.									
Name and type of organisation providing education and training	Ecological University Bucharest, Faculty of Ecology, Bucharest, <b>Romania</b> <a href="https://www.ueb.ro/en/">https://www.ueb.ro/en/</a>									
<b>Personal skills and competences</b>										
Mother tongue(s)	Romanian									
Other language(s)										
European level (*)	<b>Self-assessment</b>									
	<b>Understanding</b>				<b>Speaking</b>				<b>Writing</b>	
	Leastening		Reading		Conversation		Oral speech		Writing	
	C2	Competent use	C2	Competent use	C2	Competent use	C2	Competent use	C2	Competent use
	B1	Independent use	B2	Independent use	B1	Independent use	B1	Independent use	B1	Independent use
<i>(*) Common European Framework of Reference for Languages</i>										
European level (*)	<b>Self-assessment</b>									
	<b>Understanding</b>				<b>Speaking</b>				<b>Writing</b>	
	Leastening		Reading		Conversation		Oral speech		Writing	
	medium	Competent use	medium	Competent use	medium	Competent use	low	Competent use	low	Competent use
	medium	Independent use	medium	Independent use	low	Independent use	low	Independent use	low	Independent use
Social skills and competences	Easy adaptation in interdisciplinary, multicultural and/or international environments, communication skills – experience based on international research, editorial and conferences environments, activities in international scientific societies and non-governmental international associations, international editorial boards memberships, international conferences boards, international scholarships, etc. I share friendship and collaboration with a high number of scientists all over the world.									
Organisational skills and competences	Institution and projects manager, coordination and leading of the personnel; organizational aptitudes (preparation and coordination of scientific activities in the field, laboratories, and offices) – experience based on the past/present positions of manager, projects coordinator, international scientific conferences scientific secretary and president and guest editor and editor in chief of international scientific journals.									
Technical skills and competences	Off road cars, boats and airboats driving experience, laboratory apparatus use for the water physic-chemical analyze, field apparatus use for the water physico-chemical analyze and fish netting and electro fishing, optical apparatus use – stereomicroscope, microscope, etc..									
Computer skills and competences	Microsoft Office (Word, Power Point, Excel, etc.)									

Other skills and competences	<p>Member in interdisciplinary and international research and editorial teams and boards (ecological assessment, monitoring and management) in Romania, Germany, Croatia, Serbia, Ukraine, Slovakia, Czech Republic, Norway, Austria, Italy, Poland, Hungary, Bulgaria, Russia, Ukraine, Iran, and USA.</p> <p>Editing of scientific publications - experience based on the positions: <b>Editor</b> of <i>Romanian Journal of Aquatic Ecology</i> (2011); Editor of <i>Acta Ichtiologica Romanica</i> (2006); Editor-in-Chief of <i>Transylvanian Review of Systematical and Ecological Research</i>, (1999-present); Editor-in-Chief <i>Acta oecologica/Acta Oecologica Carpatica</i> (2004-present); Guest Editor and Editorial Board member of the series: <i>Romanian Journal of Biology-Zoology</i> (2006-present), <i>Carpathian Journal of Earth and Environmental Sciences</i> (2017-present), <i>Studii și Comunicări de Științe Naturale/Brukenenthal Acta Musei - Seria Științe Naturale</i> (2000-2008), <i>Frontiers in Bioscience-Landmark/Ecology</i>, (2021-2023); <i>Sustainability</i> (2016, 2021-2024), <i>Water</i> (2021-2024), <i>Fishes</i> (2022-2024), <i>Frontiers in Environmental Science</i> (2021, 2022, 2023), <i>Hydrobiological Journal</i> (2024), <i>Jordan Journal of Biological Sciences</i>, <i>Jordan Journal of Biological Sciences</i>, etc.</p> <p>Editorial, scientific and ethic board member of: <i>The importance of the riverine ligneous vegetation for the Danube Basin lotic ecosystems</i>, L'importanza degli Alberi e del Bosco. Cultura, scienza e coscienza del territorio, 2014, in Cianfaglione K. (ed.), Temi Ed., Trento, Italia, ISBN: 978-88-973772-63-9, I-II, 1-965; Co-editor of <i>Human impact on Danube Watershed Biodiversity in the XXI Century</i>, ISBN: 978-3-030-37241-5, 2020, Springer, etc.; co-editor of the special issue of the international journal <i>Sustainability - Landscape, Water, Ground, and Society Sustainability under Global Change Scenarios</i>, (ISSN 2071-1050), 2021-2022; co-editor of the special issue of the international journal <i>Sustainability - Landscape, Water, Ground, and Society Sustainability under Global Change Scenarios</i>, (ISBN 978-7258-0925-7), Marine and Life Sciences, 2024.</p> <p><b>Scientific</b> peer reviewer: <i>Water Resources Management</i> (ed. Springer); <i>Frontiers</i>; <i>Sustainability</i>; <i>Water</i>; <i>Fishes</i>; <i>Biodiversity and Conservation</i>; <i>Transylvanian Review of Systematical and Ecological Research</i>; <i>Genes</i>; <i>Journal of Biology-Zoology</i>; <i>Aquaculture, Aquarium, Conservation &amp; Legislation</i>; <i>Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca</i>; <i>Animal Science and Biotechnologies</i>; <i>Carpathian Journal of Earth and Environmental Sciences</i>; <i>Acta Zoologica Bulgarica</i>; <i>International Journal of Pure and Applied Zoology</i>; <i>Journal of Egirdir Fisheries Faculty</i>; <i>Open Journal of Advanced Applied Sciences</i>; <i>Agricultural Science Research Journal</i>; <i>North-Western Journal of Zoology</i>; <i>Science of the Total Environment</i>; <i>Sustainability</i>; <i>Frontiers in Bioscience-Landmark</i>; <i>Open Journal of Applied Sciences</i>; <i>Acta Ichtiologica Romanica</i>; <i>Romanian Journal of Aquatic Ecology</i>; <i>Acta Oecologica Carpatica</i>; <i>Frontiers in Bioscience-Landmark/Ecology</i>; <i>Frontiers in Environmental Science</i>; <i>Frontiers in Marine Science</i>; <i>Oceanological and Hydrobiological Studies</i>; <i>Scientific African</i>; <i>Asian Journal of Biology</i>, <i>Conservation</i>, <i>American Journal of Climate Change</i>, <i>Biology</i>, <i>Oceans</i>, <i>Asian Journal of Fisheries and Aquatic Research</i>; <i>Journal of Water and Land Development</i>; <i>Diversity and Distribution</i>; <i>Life</i>; <i>Toxics</i>; <i>Qeios</i>; <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i>, <i>Environmental Monitoring and Assessment</i>, <i>Blue-Green Systems</i>, <i>Global Journal of Ecology</i>; <i>Environments</i>; <i>Springer Nature – Environmental Monitoring and Assessment</i>; <i>Hydrobiological Research</i>, <i>Hydrobiology</i>, <i>Diversity</i>, <i>International Journal of Ecotoxicology and Ecobiology</i>, <i>American Journal of Life Sciences</i>; <i>Annals of Marine Science</i>; <i>Journal of Infrastructure, Policy and Development</i>; <i>Frontiers in Environmental Science</i>; <i>Journal of Policy and Society</i>; <i>Journal of Marine Science and Engineering</i>; <i>Environmental Science and Pollution Research</i>; <i>Aquaculture, Fish and Fisheries</i> (ed. Wiley), <i>European Journal of Taxonomy</i>, <i>Probe - Fishery Science &amp; Aquaculture</i>, <i>Aquatic Toxicology</i>, <i>Biodiversity and Conservation</i>, etc.</p> <p>Environmental projects <b>expert/evaluator</b> in <b>audit/risk</b> committees member – South East Europe (Romania).</p>
Publications: <a href="https://www.researchgate.net/profile/Doru_Banaduc/research">https://www.researchgate.net/profile/Doru_Banaduc/research</a>	Scientific works preparation: eight <b>books</b> as author and co-author; 27 <b>chapters</b> in collective volumes and 203 <b>scientific papers</b> (research articles, reviews, editorials).
Research contracts	Three international <b>research projects</b> as main coordinator, 44 international research projects as expert, eight national research projects as expert, 68 individual research contracts as expert.
Research Fellowship	INTI International University, Persiaran Perdana BBN, Putra Nilai 71800 Nilai, Negeri Sembilan
Auto driving licence	B category
<b>Additional information</b>	<p><b>Member of:</b> International Association for Danube Research – Co-coordinator of the Expert Group: Sustainable Development and Public Participation between 2016 to 2023 – General Secretary of IAD since 2016 to 2018; Sigma Xi, The Scientific Research Honor Society, 2024; Romanian Limnological Society, Romanian Ecological Society, Romanian Society of Ichtiology, Ecotur Association (President since 2024), Evaluation Committee on awarding custody of protected natural areas for Region 7 Center Romania. President of Scientific Council of the Natura 2000 Făgăraș Mountains ROSCI0122 and Făgăraș Piedmont sites ROSPA0098. Member of Scientific Council of the Natura 2000 Igriș site ROSCI0092, Natura 2000 ROSPA0134 site Munții Gutâi and Semenic-Cheile Carașului National Park, Natura 2000 Maramureș Mountains site ROSCI0124, Defileul Jiului National Park and Defileul Jiului Natura 2000 and Natura 2000 site ROSCI0063. European Commission expert for the first and second Natura 2000 Biogeographical Seminars for Romania and Bulgaria (2008 and 2012); International Commission for the Protection of the Danube River (ICPDR) Observer (2008-2023), etc.</p> <p>Scientific conferences scientific secretary, scientific committee and/or president: Aquatic Biodiversity International Conference 2007-2024 (<a href="https://magazines.ulbsibiu.ro/trser/events.html">https://magazines.ulbsibiu.ro/trser/events.html</a>), ESENIAS &amp; DIAS Conference 2021 (<a href="http://esenias.org/index.php?option=com_content&amp;task=view&amp;id=557">http://esenias.org/index.php?option=com_content&amp;task=view&amp;id=557</a>), The 41st International Association for Danube Research (IAD) Conference, Sibiu, Romania 2016 (<a href="https://conferences.ulbsibiu.ro/conf/iad/html/index.php">https://conferences.ulbsibiu.ro/conf/iad/html/index.php</a>)</p>

Assoc. Prof. Dr. Doru Stelian Bănăduc



Date: 12.02.2025