


DEPARTMENT OF BIOLOGY AND ECOLOGY Faculty of Science, University of Kragujevac		Biographical and Bibliographical Data of the Researcher		
Personal Information				
Full Name:		Filip Grbović		
Title		Research Associate		
Institution Where the Researcher is Employed Full-time				
Institution		University of Kragujevac, Faculty of Science, Department of Biology and Ecology		
Date of Employment:		April 5, 2017		
Academic Career				
	Institution	Year	Field and Acquired Professional/Scientific Title	
Doctorate	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology	2012 – 2021.	PhD in Biological Sciences	
Master's Studies	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology	2010 – 2012.	Master Biologist	
Undergraduate Studies	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology	2007 – 2010.	Bachelor of Biology	
Appointment to Title				
	Institution	Year	Narrow Scientific Field	
Research Associate	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology	2021-2026.	Biology	
Research Assistant	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology	2017-2021.	Biology	
Junior Researcher	University of Kragujevac, Faculty of Science, Institute of Biology and Ecology	2013-2016.	Biology	
Selected Scientific Publications (5-10)				
1.	Grbović, F., Gajić, G., Branković, S., Simić, Z., Vuković, N., Pavlović, P., & Topuzović, M. (2020). Complex effect of <i>Robinia pseudoacacia</i> L. and <i>Ailanthus altissima</i> (Mill.) Swingle growing on asbestos deposits: Allelopathy and biogeochemistry. <i>Journal of The Serbian Chemical Society</i> , 84, 1-13			
2.	Grbović, F., Gajić, G., Branković, S., Simić, Z., Ćirić, A., Rakonjac, L., Pavlović, P., & Topuzović, M. (2019). Allelopathic potential of selected woody species growing on fly-ash deposits. <i>Archives of Biological Sciences</i> , 71(1), 83-94.			
3.	Glišić, R. M., Brković, D. L., Grbović, F. J., Mladenović, J. D., Rajičić, V. R., Marin, M. A., & Branković, S. R. (2024). Metal bioaccumulation and translocation potential of three herbal plant species at mine tailings. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 52(3), 13140-13140.			
4.	Vukajlović, J. T., Djordjević, K., Tosti, T., Simić, I., Grbović, F., Milošević-Djordjević, O. (2024). In vitro effect of <i>Lenzites betulinus</i> mushroom against therapy-induced DNA damage in peripheral blood lymphocytes of patients with acute coronary syndrome. <i>Journal of Ethnopharmacology</i> , 335, 118640.			

5.	Jovanović, M., Grbović, F. , Milovanović, J., Nonić, M., Šijačić-Nikolić, M., Branković, S. (2022). Patterns of leaf morphological variation in <i>Quercus frainetto</i> Ten. growing on different soil types in Serbia. <i>Archives of Biological Sciences</i> , 74(2), 191-199.		
	Cvetković, D. M., Jovankić, J. V., Milutinović, M. G., Nikodijević, D. D., Grbović, F. J. , Ćirić, A. R., Marković, S. D. (2019). The anti-invasive activity of <i>Robinia pseudoacacia</i> L. and <i>Amorpha fruticosa</i> L. on breast cancer MDA-MB-231 cell line. <i>Biologia</i> , 74, 915-928.		
7.	Vukajlović, F., Predojević, D., Miljković, K., Tanasković, S., Gvozdenac, S., Perišić, V., Grbović, F. , Pešić, S. B. (2019). Life history of <i>Plodia interpunctella</i> (Lepidoptera: Pyralidae) on dried fruits and nuts: Effects of macronutrients and secondary metabolites on immature stages. <i>Journal of Stored Products Research</i> , 83, 243-253.		
Summary of Scientific Work Results:			
Total Number of Publications			42
Total Number of Publications in International Journals			17
Total Number of Citations			147
Participation in Project Implementation and Scientific and Expert Studies			
Status	Project Title	Type of Project and Financier	Project Duration
Research Associate	New method of inactivation of sewage sludge using biocompatible beta-diketo esters and its potential use in agriculture - BETAgro	INOVATIVE NITRA	2024-2025.
Research Assistant	Preclinical studies of bioactive substances	INOVATIVE MPNTRS	2011 – 2019.
	Study Title	Implementation Period	
Research Assistant	Biomonitoring of the natural monument "Ostrovica"	2021.	
Junior Researcher	Biomonitoring of the natural monuments "Krupajsko Vrelo," "Vrelo Mlave," and "Homoljska Potajnica" (flora and vegetation)	2014 – 2015.	
Foreign Language Proficiency			
English			
Membership in Professional and Scientific Associations			
Ecological Research Society "Mladen Karaman" - President of the Association Evrocert - Certification and Supervision - External Associate			
Participation in Faculty Organization			
SRO Referent – „eNauka“ Portal SRO Administrator – „Sustainable Serbia“ Portal Administrator of the Research Group "Center for Bioremediation and Phytoremediation – BioREM" at the Faculty of Science			
Cooperation with Community and the Industry			
Innovation Incubator Program Participation: Participated in the BIOS IN-CUBE innovation support program at BioSens Institute, Novi Sad, as a member of the IBE team (April - November 2024). University Innovation Incubator Program - Science and Business: Participated in the innovation support program for teachers, researchers, and PhD students with the BETAgro team (April - December 2024). Seminar Leadership for German Students: Delivered a seminar in English titled "Environmental Protection in Serbia: Current Measures and Discourses" in collaboration with DAAD Serbia and FILUM (March 14, 2024). Mentored two scientific research projects for talented students from primary and secondary schools, in collaboration with the Center for Education, Kragujevac. Students qualified for the national competition (2024). Project Leader for "Our Air - Our Plants - Our Health" in collaboration with the Center for Professional Development in Kruševac and the Center for Education in Kragujevac (April - May 2024). Led the project "A Garden in School Desks" in partnership with the Center for Education in Kragujevac (May 2024). Jury member for the environmental award "Kragujevački slez" (2024), co-awarded by the Faculty of Science and the organization Prvi Prvi na Skali. Collaborated with the Student Cultural Center (SKC) in organizing public talks on the topic of "Humans and Environment" organized by the Student Cultural Center of Kragujevac to raise environmental awareness among citizens. Management and coordination of scientific research camp "Vlasina" in 2023. Educating children from primary schools in rural areas of Kragujevac to promote sustainable development of rural regions and popularize environmental science in the villages of Kragujevac in 2017 and 2018.			
International and National Awards and Recognitions			
Award for the best students of the Faculty of Science, University of Kragujevac (2010 and 2011) Award from the "Academician Dragoslav Srejšević" Fund of the City of Kragujevac (2014)			
Contribution to the Promotional Activities of the Faculty and University:			

Representing the Faculty of Science, University of Kragujevac, at Horizon project workshops led by the Rector of the University of Kragujevac.

Participated in establishing technical collaboration between the Faculty of Science and the Institute of Vegetable Crops in Smederevska Palanka for research project implementation

Participation in Thematic Round Tables on Energy and Environment for the Šumadija District, representing the Faculty of Science.

Participation in training sessions for the NITRA platform as an SRO referent and editor for the E-Science database.

Contributor to the website <https://ekologijakragujevac.rs> as a Research Associate of the Faculty of Science.

Represented the Faculty at events such as the "Open Doors" day, scientific festivals, and the "Researcher's Night," enhancing the visibility of the University of Kragujevac.

Other Relevant Information

President of the Ecological Research Society "Mladen Karaman": Actively involved in leading and coordinating projects, as well as organizing scientific research camps. The society includes students, PhD candidates, and professors from the Department of Biology and Ecology, Faculty of Science, University of Kragujevac.

Project Leadership and Coordination: Led several environmentally focused projects, such as "Ecosystems and Habitats of the Memorial Park 'Kragujevac October'" and "Biodiversity of Gledić Mountains in Kragujevac."

Student Engagement: Managed and supervised student workshops and mentoring programs, guiding them in project proposal writing and participation in scientific competitions.

Educational Initiatives: Authored environmental awareness columns and collaborated with educational centers like the Natural History Center in Svilajnac and the Botanical Garden in Kragujevac.

Research Activities: Regularly organized field research trips focusing on flora, fauna, and ecosystems in the Kragujevac region, promoting hands-on learning for students and public engagement in scientific research.

Contact Information:

Email: filip.grbovic@pmf.kg.ac.rs

Phone: +381 34 336 223 ext. 274

Office: A-II-8