

**INSTITUTE OF BIOLOGY AND
ECOLOGY
FACULTY OF SCIENCE
UNIVERSITY OF KRAGUJEVAC**

**Biographical and bibliographic
information about the teacher**



Personal data			
Name and surname	Biljana M. Bojović		
Vocation	Associate professor		
The institution where the teacher works full time			
Name	Faculty of Science, University of Kragujevac		
Date of employment	February 27, 1992.		
The academic career			
	Institution	Year	Field and acquired professional/scientific title
PhD	Faculty of Science	2010.	Biology - PhD in Biology
Master's degree	Faculty of Biology	1997.	Biology - Master's degree in Biology-Plant Physiology
Bachelor's degree	Faculty of Science	1990.	Biology - Graduated biologist
Election the title			
	Institution	Year	Scientific field
Associate professor	Faculty of Science	2022.	Plant Physiology
Assistant professor	Faculty of Science	2012.	Plant Physiology
Assistant	Faculty of Science	1992.	Plant Physiology and Plant Morphology
Teaching engagement			
1.	Plant physiology		
2.	Plant ecophysiology		
3.	Plant tissue culture		
4.	Experimental methods in biology		
5.	Plant Stress Physiology		
6.	Methods of Teaching Biology		
7.	Principles of the teaching profession		
8.	School Practice		
9.	Molecular biology and plant ecology		
10.	Structural and functional botany		
11.	Physiological ecology		
12.	Plant growth and development regulation		
Author of a university literature			
1.	Plant Physiology-Practice with workbook		
2.	Methods of Teaching Biology		
Mentorship and participation in committees for evaluation and defense of final theses			
Mentorship		Commission	
Master's theses: 32		Master's theses: 88	
PhD theses: 1		PhD theses: 1	
Participation in commissions for the selection of the teacher and researcher			
Assistant: 4		Researcher: 3	
Selected papers			
1.	Kanjevac, M., Bojovic, B. , Ciric, A., Stankovic, M., Jakovljevic, D. (2023): Seed Priming Improves Biochemical and Physiological Performance of Wheat Seedlings under Low-Temperature Conditions, <i>Agriculture</i> 2023 , 13(1), 2; https://doi.org/10.3390/agriculture13010002 M21		
2.	Kanjevac, M., Jakovljević, D., Todorović, M., Stanković, M., Čurčić, S., Bojović, B. (2022): Improvement of germination and early growth of radish (<i>Raphanus sativus</i> L.) through modulation of seed metabolic processes, <i>Plants-Basel</i> , 11 (757), https://doi.org/10.3390/plants11060757 M21		

3.	Kanjevac, M., Zlatić, N., Bojović, B. , Stanković, M. (2022): Pharmaceutical and biological properties of <i>Stachys</i> species: A review, <i>Brazilian Journal of Pharmaceutical Sciences</i> , vol. 58, https://doi.org/10.1590/s2175-97902022e20211 M22
4.	Dragana Jakovljević, Jovana Momčilović, Biljana Bojović and Milan Stanković (2021): The Short-Term Metabolic Modulation of Basil (<i>Ocimum basilicum</i> L. cv. 'Genovese') after Exposure to Cold or Heat, <i>Plants-Basel</i> , 10 (3), 590; doi:10.3390/plants10030590 M21
5.	Kanjevac, M., Bojovic, B. , Jakovljevic, D. (2021): Improvement of physiological performance of selected cereals by modulating pre-germinative metabolic activity in seeds, <i>Cereal Research Communications</i> , https://doi.org/10.1007/s42976-021-00213-6 M22
6.	Bojovic BM Jakovljevic DZ Curcic SS Stankovic MS (2018): Phytotoxic potential of common nettle (<i>Urtica dioica</i> L.) on germination and early growth of cereals and vegetables. <i>Allelopathy Journal</i> , vol. 43 (2), 175-186, ISSN 0971-4693 M22
7.	Jakovljević, D., Topuzović M., Stanković M., Bojović B. (2017): Changes in Antioxidant Enzyme Activity in Response to Salinity-induced Oxidative Stress during Early Growth of Sweet Basil. <i>Horticulture, Environment, and Biotechnology</i> , 58(3), 240-246 ISSN: 2211-3452 M22
8.	Jakovljevic, D., Stankovic, M., Bojovic, B. , Topuzovic, M. (2017): Regulation of early growth and antioxidant defense mechanism of sweet basil seedlings in response to nutrition, <i>Acta Physiologiae Plantarum</i> , 39: 243 DOI: 10.1007/s11738-017-2548-9 M22
9.	Stankovic, M., Curcic, S., Zlatic, N., Bojovic, B. (2017): Ecological variability of the phenolic compounds of <i>Olea europaea</i> L. leaves from natural habitats and cultivated conditions, <i>Biotechnology & Biotechnological Equipment.</i> , 31 (1): 499-504 M23
10.	Topuzovic, M., Stanković, M., Jakovljević, D., Bojović, B. (2016): Plant part variability of <i>Sambucus ebulus</i> L. secondary metabolites content and antioxidant activity, <i>Agro Food Industry Hi-Tech</i> , 27 (2): 60-64 M23
Summary of results of scientific work	
Total number of publications	130
Publications in international journals	16
Citations	315

Participation in the realization of projects			
The status	Name of projects	Type of project and financier	Project duration
Principal (P) Researcher (R)			
R	Aapplication and development of new technologies in forestry	D/S - MPNTRS	1998-1999
R	Ex situ protection of biodiversity of aquatic ecosystems of Serbia	D/F - MPNTRS	2004-2005
R	Application of microteaching in the process of university education	D/V - Fund for development assistance to Serbia	2007-2009
R	Support Human Capital Development and Research – General Education and Human Capital Development	M - European Union	2012-2015
R	Invasive plant species on the territory of Kragujevac city	D/V – Kragujevac	2013-2016
R	Allergen plant species on the territory of Kragujevac city	D/V - Kragujevac	2017-2018
R	Plants as indicators of the state of air pollution	D/V - Kragujevac	2022
R	Project LiMa-International Teacher Education in Marburg	Philipps-Universität Marburg with the German Academic Exchange Service	2021- 2024
R	Examining autochthonous and allochthonous flora of Memorial Park Šumarice	D/V - Kragujevac	2023
R	Improving the ecological educational content of the Botanical Garden in Kragujevac	D/V - Kragujevac	2024

Type of project: D/F–national fundamental, D/I–national innovative, D/R–national development, D/S–national strategic, M–international, D/V–other types of projects, MPNTRS–Ministry of Education, Science and Technological Development of the Republic Serbia
Foreign language knowledge
English
Membership in professional and scientific associations
Society of Plant Physiology Serbian Biological Society “Stevan Jakovljević”Kragujevac
Participation in the work of bodies and organs of the Faculty and University, management
Vice President of the Council of the Faculty of Science Head of the study program Master Academic Studies of Biology Member of the Quality Assurance Commission of the Faculty of Science Member of the Teaching and Scientific Council of the Faculty of Science Member of the Commission for accreditation of study programs in the Institute of Biology and Ecology Member of the Commission for consideration of the draft document Standard Qualifications for the Teacher Profession Member of the Commission for writing the Rulebook on the conditions for the selection of teachers at the Institute of Biology and Ecology Member of the Commission for conducting national testing for primary and secondary school Member of the Commission for conducting entrance exams for undergraduate studies Member of the Commission for admission to master's academic studies Member of the Commission for the Implementation of the State Matura Member of the Ethics Committee for Methodological Research
Membership in the editorial board of scientific journals
Member of Editorial Board <i>Journal of Experimental Agriculture International</i> (ISSN: 2457-0591)
Reviews of scientific papers, monographs, textbooks, projects, study programs
Reviews of book:7; Reviews of scientific papers from SCI list: <i>Archives of agronomy and soil science; Archives of biological science; Bulletin UASVM Cluj-Napoca, Horticulture; Journal of agriculturae and ecology research international; American journal of experimental agriculture; American chemical science journal; Annual research & review in biology; Asian research journal of agriculture; Plant cell biotechnology and molecular biology; International journal of plant & soil science; Asian journal of agricultural extension, economics & sociology; Journal of advances in biology & biotechnology; Kragujevac journal of science; Journal of Medicinal Plant Research</i>
Membership in working bodies of scientific meetings
Member of the Organizing Committee of the First Conference of the Serbian Biological Society "Stevan Jakovljević" Kragujevac Member of the Organizing Committee of the festivals about Serbian scientists
Educational and scientific cooperation with other higher education and scientific institutions
Faculty of Biology, University of Belgrade Institute for Biological Research "Siniša Stanković"-National Institute of Republic of Serbia, University of Belgrade Faculty of education, University of Kragujevac State University of Novi Pazar
Cooperation with the community
Professional external associate for providing expert assessment of the quality of textbook manuscripts and monitoring and evaluating the results of using textbooks in educational work at the Institute for the Improvement of Education Advisor - external associate of the Ministry of Education, Science and Technological Development Member of the commission for accreditation of study programs at the National Accreditation Body Member of the Commission for providing expert evaluation of textbook Supervisor for recording Biology lessons for distance learning
International and national awards and recognitions
Awards of the Serbian Biological Society for the master's thesis

Awards of the Student Parliament for the best rated teacher 2014/15, 2015/16 and 2020/21
Recognition for participation in the work of the Research Symposium 2019
Recognition for participation in the work of the UGU expert meeting - "Let's get started", 2018
Recognition for the review of papers at the expert meeting "Extracurricular activities - examples of good practice", 2019 and 2020.

Contribution of popularization of Faculty and University

Participation in the accreditation of study programs and the Faculty as a higher education institution;
Member of the Commission for the review of tests and the defense of research papers in biology at the Regional and Republic Talent Competition;
Co-author of biology tests for primary and secondary schools for the Regional and Republic Talent Competition Organization and participation in events: Faculty Open Doors, Science Festivals, Museum Night, Researchers' Night
Organization and implementation of preparatory classes in the field of Plant Physiology
Lecturer at seminars for teacher education and research seminars
Reviewer and member of the commission for evaluating the works of primary and secondary school teachers
Leader of training for primary and secondary school teachers on outcome-oriented learning
Co-author of tests for the municipal and district competition for 6th grade elementary school
Member of the team for self-evaluation of the study program Ecology (OAS)
Author of tests for the third grade of secondary schools for the district and national competition in 2023

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