



Nikolina Bek

Date of birth: 11/02/1992 | **Nationality:** Croatian | **Gender:** Female | **Phone number:** (+385) 31399930 (Work) | **Email address:** nbek@biologija.unios.hr |

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WORK EXPERIENCE

JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK, DEPARTMENT OF BIOLOGY – OSIJEK, CROATIA
RESEARCH AND TEACHING ASSISTANT – 01/12/2019 – CURRENT

JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK, DEPARTMENT OF BIOLOGY – OSIJEK, CROATIA
PROFESSIONAL ASSOCIATE (VOCATIONAL TRAINING FOR WORK WITHOUT EMPLOYMENT) – 01/02/2018 – 31/01/2019

EDUCATION AND TRAINING

2020 – 2025

POSTGRADUATE INTERDISCIPLINARY UNIVERSITY STUDY PROGRAMME ENVIRONMENT PROTECTION AND NATURE CONSERVATION Josip Juraj Strossmayer University of Osijek; Ruđer Bošković Institute, Zagreb

15/04/2024 – 19/04/2024 Mainz, Germany

PHYLOGENY & EVOLUTION (PROFESSIONAL TRAINING) Johannes Gutenberg University of Mainz, University of Zagreb

05/12/2022 – 18/12/2022 Niš, Serbia

ERASMUS+ MOBILITY University of Niš, Faculty of Science and Mathematics

21/11/2022 – 02/12/2022 Belgrade, Serbia

PROFESSIONAL TRAINING (EDUCATION AND RESEARCH) Institute of Botany and Botanical Garden "Jevremovac", Faculty of Biology, University of Belgrade

26/07/2021 – 31/07/2021 Zagreb, Croatia

PROFESSIONAL TRAINING Ruđer Bošković Institute

2017 Osijek, Croatia

MASTER OF NATURE AND ENVIRONMENTAL PROTECTION Josip Juraj Strossmayer University of Osijek, Department of Biology

2015 – 2016 Vienna, Austria

ERASMUS+ PROGRAMME – WINTER SEMESTER University of Natural Resources and Life Sciences

2014 – 2015 Osijek, Croatia

PEDAGOGICAL-PSYCHOLOGICAL-DIDACTIC-METHODOLOGICAL TRAINING PROGRAMME Josip Juraj Strossmayer University of Osijek, Faculty of Humanities and Social Sciences

2014 Osijek, Croatia

BACHELOR OF BIOLOGY Josip Juraj Strossmayer University of Osijek, Department of Biology

LANGUAGE SKILLS

Mother tongue(s): **CROATIAN**

Other language(s): **CROATIAN SIGN LANGUAGE**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
GERMAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

MS Office (Word Excel PowerPoint) | Internet | Communication platforms (Skype Zoom Merlin Microsoft Teams) | Social Media | Programs for graphic design (Illustrator, Canva, Photoshop, PhotoScape) | Statistical analysis softwares (R, Primer, Statistica, Canoco)

DRIVING LICENCE

Driving Licence: B

PROJECTS

Research projects and studies

2025 – 2028

Monitoring the ecological condition of surface waters in Kopački Rit Nature Park (Naturavita); team member

2024 – 2025

The waters wealth of Kopački Rit: a story of a microworld (ADRIS Foundation); team member

2023 – 2025

COST Action: CA20125 - Applications for zoosporic parasites in aquatic systems (ParAqua); member of WG2 Drivers underlying the dynamic of zoosporic diseases

2023 – 2025

The influence of microphytes in the sediment on the development of planktonic cyanobacteria in floodplain lakes (an internal project of the Department of Biology); associate

2022 – 2024

Regional Science Centre of Pannonian Croatia; associate

2022 – 2023

Development of periphytic and planktonic communities in a water system potentially contaminated with microplastics (an internal project of the Department of Biology); associate

2020 – 2023

Naturavita - Implementation of research works, establishment of the system and implementation of monitoring, with interpretation of the results (Activity 7.2.) - Monitoring of surface water and groundwater quality, recent sedimentation, habitats and fauna - Group 1: Monitoring of ecological status of surface waters and monitoring of additional biological indicators (Croatian Waters); associate

2021 – 2022

Diversity of sediment microphytes and association with planktonic communities in floodplain area of Kopački Rit (an internal project of the Department of Biology); associate

2019 – 2020

Monitoring of biological quality elements in rivers in 2019 (Croatian Waters); sampling of phytobenthos, team member

2019 – 2020

The structure of winter plankton and periphyton communities in the Danubian floodplain (an internal project of the Department of Biology); associate

2018 – 2019

Monitoring of biological quality elements in rivers in 2018 and 2019 (Croatian Waters); sampling of phytobenthos, team member

2018

Analysis of phytoplankton from heavily modified and artificial standing water bodies in 2017 (Croatian Waters); phytoplankton analysis, team member

2017 – 2018

Amorpha fruticosa L. – threats to the biodiversity and pendunculate oak stands in the area of Pokupsko and Spačva Basin (Foundation Adris); associate

2016 – 2017

The impact of selenium on algae - combining *in vitro* and ecological studies in aquatic ecosystems (Josip Juraj Strossmayer University of Osijek, INGI-2015 guest researcher programme); associate

● NETWORKS AND MEMBERSHIPS

Croatian Botanical Society

Alumni BiolOs

International Society for Applied Phycology

● PUBLICATIONS AND CONFERENCES

Available at:

CroRIS: <https://www.croris.hr/osobe/profil>

Researchgate: <https://www.researchgate.net/profile/Nikolina-Bek/research>

Google scholar: <https://scholar.google.com/citations?user=XhDKVMAAAAAJ&hl=hr>

She has been a team member/collaborator on more than 10 scientific research/professional projects and is currently an associate on three ongoing projects. She is the co-author of 2 book chapters, 10 scientific papers, one professional paper, one paper in a collection of proceedings, and over 45 conference abstracts.

● ORGANISATIONAL AND TECHNICAL SKILLS

Organization of laboratory and field work in teaching and scientific research

Knowledge of the basics of laboratory work and different laboratory methods (eDNA, methods for water quality analysis, microscopy methods, spectrophotometric methods).

Use of various laboratory and field equipment for water and sediment sampling.

Boat skipper certificate category B.

Organization and implementation of workshops

Biolog-i-ja

Open day of the Department of Biology and a tour of the biological destinations

Festival of Science

Brain Awareness Week

Sustainability Festival

Workshops related to the Alumni BiolOs

● COMMISSION

2023 – CURRENT

Commission for the Improvement and Quality Assurance of Higher Education at the Department for Biology

Team member