



Filip Stević

Date of birth: 03/03/1979 | **Nationality:** Croatian | **Gender:** Male | **Phone number:** (+385) 31399927 (Work) |

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WORK EXPERIENCE

DEPARTMENT OF BIOLOGY, JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK – OSIJEK, CROATIA
ASSOCIATE PROFESSOR – 20/12/2023 – CURRENT

Scientific-research work: Natural Sciences, Biology

Scientific interest: ecology of inland waters, ecology and taxonomy of freshwater algae, ecophysiology and ecotoxicology of algae

Teaching activities: lectures, exercises and seminars in undergraduate and graduate study programmes of the Department of Biology (Algae, Fungi and Lichens; Phytoplankton; Field Study 2 – Botany; Inland Water Ecology; Marine Ecology; Aquatic Ecology; Eutrophication; Environmental Engineering; Environmental and Natural Resources; Protected Areas; Application of Algae and Cyanobacteria) and in the postgraduate interdisciplinary university study programme *Nature and Environmental Protection* (Applied Limnology).

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ASSISTANT PROFESSOR – 01/02/2014 – 19/12/2023

DEPARTMENT OF BIOLOGY, JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK – OSIJEK
HEAD OF THE SUB-DEPARTMENT OF WATER ECOLOGY – 01/10/2021 – 30/09/2023

DEPARTMENT OF BIOLOGY JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK – OSIJEK, CROATIA
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VICE-DEAN FOR EDUCATION AND STUDENTS – 01/10/2016 – 30/09/2017

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HEAD OF SUB-DEPARTMENT OF WATER ECOLOGY – 01/10/2014 – 30/09/2016

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RESEARCH AND TEACHING ASSISTANT – 24/03/2011 – 31/01/2014

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RESEARCH AND TEACHING ASSISTANT – 01/04/2005 – 23/03/2011

FACULTY OF HUMANITIES AND SOCIAL SCIENCES, JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK – OSIJEK, CROATIA

RESEARCH AND TEACHING ASSISTANT – 01/10/2002 – 31/03/2005

EDUCATION AND TRAINING

24/11/2022 Croatia

SENIOR RESEARCH ASSOCIATE Committee for natural sciences - biology, scientific area/field: Natural Sciences/Biology

20/11/2013 Croatia

RESEARCH ASSOCIATE Committee for natural sciences - biology, scientific area/field: Natural Sciences/
Biology

11/03/2011

PHD University postgraduate interdisciplinary (doctoral) study Environmental Protection and Nature

15/12/2006

MSC University postgraduate interdisciplinary (doctoral) study Environmental Protection and Nature

07/12/2002 Croatia

M.ED. (BIOLOGY AND CHEMISTRY) Faculty of Education Josip Juraj Strossmayer University of Osijek

● **LANGUAGE SKILLS**

Mother tongue(s): **CROATIAN**

Other language(s):

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

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

● **NETWORKS AND MEMBERSHIPS**

Memberships

Croatian Biological Society 1885
Croatian Botanical Society
Croatian Society of Plant Physiology
Federation of European Phycological Societies (FEPS)
International Association for Danube Research

● **DRIVING LICENCE**

Driving Licence: B

Driving Licence: Boat skipper certificate category B

● **PROJECTS**

Znanstveni projekti

2025 – present “Bioindicators and Anthropogenic Pressures in Aquatic Systems of the Mura-Drava-Danube Biosphere Reserve (AQUA-BIOPRESS)”, project funding provided within the National Recovery and Resilience Plan 2021–2026, collaborator. Project leader: Prof. Tanja Žuna Pfeiffer, PhD.

2024 – present “The Richness of Kopački Rit Waters: A Story of the Micro-World” (Adris Foundation, collaborator, project leader: Prof. Tanja Žuna Pfeiffer, PhD).

2023 – 2025 “Impact of Sediment Microphytes on the Development of Planktonic Cyanobacteria in Floodplain Lakes” (institutional project, Josip Juraj Strossmayer University of Osijek, Department of Biology, project leader: Prof. Dubravka Špoljarić Maronić, PhD), collaborator.

2023 – 2025 “Biodiversity and Dynamics of Phytoplankton Species in Lakes of the Kopački Rit Floodplain Area over the Past Half Century” (institutional project, Josip Juraj Strossmayer University of Osijek, Department of Biology, project leader: Prof. Melita Mihaljević, PhD), collaborator.

2022 – 2024 “Regional Science Centre of Pannonian Croatia” (infrastructure project, collaborator).

2021 – 2023 “Development of Periphytic and Planktonic Communities in an Aquatic System Potentially Contaminated with Microplastics” (institutional project, Josip Juraj Strossmayer University of Osijek, Department of Biology, project leader: Prof. Tanja Žuna Pfeiffer, PhD), collaborator.

2020 – 2023 “Learning Biology in an Epidemiologically Adapted Research Environment” (Croatian Science Foundation project, collaborator).

2019 – 2020 “Structure of Planktonic and Periphytic Communities During the Winter Period in the Danube Floodplain Area” (internal project of the Department of Biology, Josip Juraj Strossmayer University of Osijek, project leader).

2019 – 2020 “Diversity of Microphytes in Periphytic Communities on Natural Substrates” (internal project of the Department of Biology, Josip Juraj Strossmayer University of Osijek, project leader: Prof. Tanja Žuna Pfeiffer, PhD), collaborator.

2019 – 2020 “Microphytes in Periphyton on Natural Substrates – Diversity and Connection with Planktonic Communities” (institutional project, Josip Juraj Strossmayer University of Osijek, Department of Biology, collaborator).

2017 – 2018 “*Amorpha fruticosa* L. – threats to biodiversity and pedunculate oak stands in the area of Pokupsko and Spačva Basin” (Adris Foundation); collaborator.

2016 – 2017 Researcher on the project “Effect of Selenium on Algae – In Vitro and Ecological Research in Aquatic Ecosystems” (INGI-2015-23; Josip Juraj Strossmayer University of Osijek).

2016 – 2017 Researcher on the project “Trophic Relations of Freshwater Ichthyofauna: Fish Feeding in Sustainable Aquaculture” (Croatia–Serbia Scientific and Technological Cooperation 2016–2017).

2015 – 2016 Collaborator on the project “Development of Modern Study Programmes for Training Teachers of Informatics, Technology, Biology, Chemistry, Physics and Mathematics Based on the Development of the Croatian Qualifications Framework”.

2015 Researcher on the project “Floral Diversity of the Steppe Grassland – Protected Natural Monument” (Public Institution for the Management of Protected Natural Values of Osijek-Baranja County, Environmental Protection and Energy Efficiency Fund).

2008 – 2009 Researcher on the project BioWetMan: 4-25-2008 “A Science-Based Approach to Understanding Biodiversity-Driven Functions and Services for Improving Wetland Management”, joint project of Austria, Bulgaria, Romania, Serbia and Croatia.

2007 – 2013 Researcher on the project “Protection of Kopački rit Waters – Environmental Interactions of the Danube and the Floodplain” (project code 285-0000000-2674), Ministry of Science, Education and Sports. Team member.

2002 – 2007 Researcher on the project “Bioassay in the Trophic Valorisation of Danube Wetlands” (project code 0122023), Ministry of Science, Education and Sports.

PROJECTS

Professional projects and environmental studies

2025 – present “Monitoring the ecological status of surface waters in Kopački Rit Nature Park (Naturavita)”, Hrvatske vode, Project leader

2024 “Monitoring the impact of interventions on the status of the water body of the old Danube course – Zmajevački Dunavac”, Hrvatske vode, co-leader at the Department of Biology

2024 “Monitoring the impact of flood-protection system construction in the settlements of Bokšić Lug and Bokšić on the status of surface water bodies (watercourses Vučica, Marjanac and Lukavac)”, Hrvatske vode, co-leader at the Department of Biology

2024 “Monitoring the impact of interventions on the status of the water body Stara Drava Osijek”, Hrvatske vode, co-leader at the Department of Biology

2023 – 2024 “Determining the baseline condition of the side arm – flora, fauna and habitats – Municipality Lukač – Orlovo Selište location” (collaborator)

2023 “Development of a study on typology and classification system for ecological status assessment for Kopačevsko Lake within Activity 7.2. of the Naturavita project”, collaborator

2020 – 2023 Naturavita – Implementation of research work, 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, Hrvatske vode, leader at the Department of Biology

2019 – 2020 Monitoring of biological quality elements in rivers in 2019. Hrvatske vode, sampling of phytobenthos, team member

2018 – 2019 Analysis of phytoplankton from heavily modified and artificial standing water bodies in 2017. Hrvatske vode, phytoplankton analysis; team member

2018 – 2019 Monitoring of biological quality elements in surface inland waters in 2018 and 2019. Hrvatske vode, sampling of phytobenthos, team member

2013 – 2018 Evaluation of the collected rainwater in the discharge of bunding landfills “Švajcerova ada” in Darda, Darda municipality; monitoring of biological parameters; team member

2009 Study of the revitalisation of Stara Drava in the areas of Nemetin, Sarvaš, Bijelo Brdo – Aljmaš; project team member

2006 – 2008 Study of the revitalisation of Stara Drava in the Križnica area; project team member

HONOURS AND AWARDS

Honours and awards

2025. Award for Excellence in Project Implementation. Institution awarding the qualification: Department of Biology, Josip Juraj Strossmayer University of Osijek

2023. Award for Excellence in Teaching. Institution awarding the qualification: Department of Biology, Josip Juraj Strossmayer University of Osijek.

2001. Dean award for outstanding success achieved during the study.

● TECHNICAL SKILLS

Technical skills

Knowledge and application of laboratory methods (methods for water quality analysis, microscopy methods, algal cultures, spectrophotometric methods); use of laboratory and field equipment.
Category B motorboat operator.

● OTHER RESEARCH ACTIVITIES

Other research activities

Reviewer of papers in the following journals: *Acta Botanica Croatica*, *Aquatic Sciences*, *African Journal of Biotechnology*, *Biology*, *Biology Letters*, *Diversity*, *Environmental Monitoring and Assessment*, *Environmental Science and Pollution*, *Fisheries*, *Holistic Approach to Environment*, *Hydrobiologia*, *Limnological Review*, *Microorganisms*, *Natural Sciences*, *Plants*, *Polish Journal of Water*, *Science of the Total Environment*, *Scientific Reports*, *Water*, etc.

Reviewer of several papers published in the proceedings on protected areas of Brod-Posavina County (2011 and 2014).
Reviewer of the proceedings of the international scientific-professional conference "Water for All" (2018 and 2025).

● DIGITAL SKILLS

Digital skills

Internet / Microsoft Office tools / Communication software / Graphic design and editing software (Photoshop, Illustrator) / Statistical software packages (Statistica, Canoco, Primer)

● PUBLICATIONS

Scientific publications and conference contributions

CRORIS: <https://www.croris.hr/osobe/profil/27043>

CROSBİ: <https://www.bib.irb.hr/pregled/znanstvenici/254774>

Google Scholar: https://scholar.google.com/citations?user=VCuE_1oAAAAJ&hl=en

Researchgate: <https://www.researchgate.net/profile/Filip-Stevic>

Repository: <https://repozitorij.biologija.unios.hr/user/profile/mbz/254774>

● PROFESSIONAL TRAINING

Professional training

2025 Educational workshop for mentors

2020–2022 Learning and teaching based on learning outcomes (Parts 1, 2, 3 and 4)

23/04/2021 Educational workshop for mentors

2008 "Toxic cyanobacteria in drinking water sources – problem and sanitation" (University of Pannonia, Veszprém, Hungary; SEE ERA-NET project, leader: Prof. Judit Padisák, PhD)

● MANAGEMENT AND LEADERSHIP SKILLS

Management skills

2023 – 2025 President of the Alumni Association of the Department of Biology, Josip Juraj Strossmayer University of Osijek (Alumni BiolOs)

01/10/2021 – 30/09/2023 Head of the Sub-department of Water Ecology, Department of Biology, Josip Juraj Strossmayer University of Osijek

01/10/2014 – 30/09/2016 Head of the Sub-department of Water Ecology, Department of Biology, Josip Juraj Strossmayer University of Osijek

● ORGANIZATIONAL SKILLS

Organizational skills

Strategic and Academic Leadership: Planning and development of teaching materials and courses; Coordination of student activities and academic progress; Designing scientific research and overseeing laboratory work; Organization of scientific conferences, workshops and science-popularization events.

Member of the Organizing Committee of the 1st, 2nd and 3rd European GREEN Conference (2023, 2024, 2025), Vodice
Member of the Organizing Committee of the Croatian Botanical Symposium 2025 in Osijek.

Member of the Organizing Committee of the 7th European Phycological Congress, 25–30 August 2019 in Zagreb.

Member of the Organizing Committee of SAME15 – 15th Symposium on Aquatic Microbial Ecology, 3–8 September 2017 in Zagreb.

Member of the Scientific Committee of the 12th Croatian Biological Congress with international participation in Primošten, 2016.

Member of the Organizing Committee of the 10th Croatian Biological Congress with international participation in Osijek, 2009.

Member of the Organizing Committee of the scientific-professional meeting “Water for All” in Osijek in 2014, 2015, 2016, 2017 and 2019.

Member of the Programme Committee of the international scientific-professional meeting “Kopački rit – yesterday, today, tomorrow” 2025.

Member of the Organizing and Scientific Committee of the international scientific-professional meeting “Kopački rit – yesterday, today, tomorrow” in 2012, 2013, 2014, 2015, 2016 and 2017.

Member of the Scientific Committee of the international scientific-professional meeting “Kopački rit – yesterday, today, tomorrow” in 2018, 2019, 2020, 2021, 2022 and 2023.

Member of the Committee for the meeting and competition of young biologists of Osijek-Baranja County (from 2008 to present).

Member of the National Committee for the implementation of the biology competition for primary and secondary school students in the school years 2018/2019, 2019/2020, 2020/2021, 2021/2022, 2022/2023 and 2023/2024.

Employer’s authorized person for occupational safety at the Department of Biology from 2016 to 2020.

Chair of the Working Group for monitoring and development of study programmes conducted at the Department of Biology (from 2018 to present).

Head of the University Graduate Study Programme *Nature and Environmental Protection* (2025/2026).

Head of the second year of the undergraduate university study programme *Biology* (2015, 2016 and 2017).

Member of the University Council for Natural Sciences (2016, 2017, 2018).

Member of the Committee for Appointments to Academic Ranks of the Department of Biology (2015–2019).

Member of the Committee for verification of the conditions of the Rectors’ Council in the procedure of appointment to scientific-teaching, artistic-teaching and teaching ranks of the University Council for Natural Sciences (2016, 2017, 2018).

Member of the University Committee for the Improvement and Quality Assurance of Higher Education (2017).

Coordinator for the procedure of application and enrolment in study programmes of the Department of Biology (in 2017).

Deputy Coordinator for the procedure of application and enrolment in study programmes of the Department of Biology (from 2018 to present).

Leadership of expert excursions for different age groups in Kopački rit Nature Park (2002–2005).