



Tanja Žuna Pfeiffer

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Work permit: Croatian **Gender**: Female **Date of birth**: 04/01/1973 **Place of birth**: Osijek, Croatia **Nationality**: Croatian

WORK EXPERIENCE

Department of Biology, Josip Juraj Strossmayer University of Osijek

City: Osijek | **Country**: Croatia

Head of the Department of Biology, Josip Juraj Strossmayer University of Osijek

[01/10/2021 – Current]

Josip Juraj Strossmayer University of Osijek, Department of Biology

City: Osijek | **Country**: Croatia

Vice-Dean for Education and Students

[01/10/2017 – 30/09/2021]

Josip Juraj Strossmayer University of Osijek, Department of Biology

City: Osijek | **Country**: Croatia

Full professor

[22/09/2025 – Current]

Josip Juraj Strossmayer University of Osijek, Department of Biology

City: Osijek | **Country**: Croatia

Assistant Professor

[30/04/2015 – 02/07/2020]

Josip Juraj Strossmayer University of Osijek, Department of Biology

City: Osijek | **Country**: Croatia

Postdoctoral researcher

[26/11/2012 – 29/04/2015]

Josip Juraj Strossmayer University of Osijek, Department of Biology

City: Osijek | **Country**: Croatia

PhD student

[01/01/2007 – 25/11/2012]

Pestrid d.d.

City: Osijek | **Country**: Croatia

Biologist

[10/08/1998 – 31/12/2006]

EDUCATION AND TRAINING

[22/12/2012] **PhD**

Josip Juraj Strossmayer University of Osijek, Ruđer Bošković Institute, Zagreb

Field(s) of study: Natural sciences, mathematics and statistics: • *Biology*

[22/12/1997] **Bachelor of Science in Education (Biology and Chemistry)**

LANGUAGE SKILLS

Mother tongue(s): Croatian

Other language(s):

English

LISTENING B2 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

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

PUBLICATIONS

Scientific, professional and evaluation papers

<https://www.croris.hr/osobe/profil/22949>

<https://scholar.google.com/citations?user=TOWdQPAAAAJ&hl=en>

PROJECTS

[01/10/2025 – 30/09/2029]

Bioindicators and anthropogenic pressures in aquatic systems of the Mura-Drava-Danube Biosphere Reserve (AQUA-BIOPRESS)

Scientific project financed from the funds of the National Recovery and Resilience Plan 2021-2026, source 581 - Recovery and Resilience Mechanism.

Project leader

[2025 – Current]

Monitoring of the ecological state of surface waters in the Kopački rit Nature Park (Naturavita)

Hrvatske vode

Team member

[12/2024 – 12/2025]

The richness of the waters of Kopački Rit Waters: A story of the micro-world

The Adris Foundation

Project leader

[2024 – Current]

Monitoring the impact of interventions on the status of the water body Stara Drava Osijek

Hrvatske vode, project leader

[2024 – Current]

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

Project leader

[2024 – Current]

Monitoring the impact of interventions on the status of the water body of the old Danube course -Zmajevački Dunavac

Hrvatske vode

Project leader

- [2023 – 2024] **Determination the baseline condition of the side arm – flora, fauna and habitats – Municipality Lukač – Orlovo Selište location**
- Public Institution for the Management of Protected Parts of Nature and the Ecological Network of Virovitica Podravina County
- Project leader
- [2023 – 2024] **Impact of sediment microphytes on the development of planktonic cyanobacteria in floodplain lakes**
- Institutional project (Josip Juraj Strossmayer University of Osijek, Department of Biology)
- Team member
- [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, collaborator
- [2020 – 2022] **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 the ecological state of surface waters and monitoring of additional biological indicators
- Team members
- [2022 – 2024] **The Regional Science Centre of Pannonian Croatia**
- Infrastructure project
- Team member
- [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
- [2021 – 2022] **NaturallyEst LIFE - Searching for Spring Primroses**
- Estonian Nature Foundation, "NaturallyEst LIFE" project (communication in Estonia Piloting Natura 2000). The project is financed by the LIFE Program of the European Union and partner organizations.
- Team member and coordinator of the team from Osijek.
- [2020 – 2023] **Learning biology in an epidemiologically adapted research environment**
- HRZZ
- Team member
- [2020 – 2021] **Microphytes diversity of in periphyton communities on natural substrates**
- Institutional project (Josip Juraj Strossmayer University of Osijek, Department of Biology)
- Project leader

- [2019 – 2020] **Monitoring of biological quality elements in rivers in 2019**
Hrvatske vode, sampling of phytobenthos
Team member
- [2019 – 2020] **Structure of Planktonic and Periphytic Communities During the Winter Period in the Danube Floodplain Area**
Institutional project (Josip Juraj Strossmayer University of Osijek, Department of Biology, project leader: doc.dr.sc. Filip Stević)
- [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)
Team member
- [2018 – 2019] **Monitoring of biological quality elements in surface inland waters in 2018 and 2019**
Hrvatske vode, sampling of phytobenthos
Team member
- [2017] **Analysis of phytoplankton from heavily modified and artificial standing water bodies in 2017**
Hrvatske vode, phytoplankton analysis
Team member
- [2017 – 2018] **Amorpha fruticosa L. – threats to the biodiversity and pedunculate oak stands in the area of Pokupsko and Spačva Basin**
The Adris Foundation
Project leader
- [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)
Team member
- [2015] **Steppe-like grassland in Bilje - protected natural monument**
Public institution for nature protection of Osijek-Baranja County, The Environmental Protection and Energy Efficiency Fund, co-leader
- [2010 – 2013] **Protection of Kopčki rit waters - environmental interactions of the Danube River and the floodplain**
This research was funded by the Ministry of Science, Education and Sports of the Republic of Croatia (project no. 285-0000000-2674)
Researcher
- [2015 – 2016] **Ecophysiological studies in the Karašica Drainage Channel, Baranja**
Hrvatske vode, collaborators

[2013 – 2016]

**Evaluation of the collected rainwater in the discharge of bunding landfills
"Švajcerova ada" in Darda - biological parameters**

Municipality of Darda

Team member

DRIVING LICENCE

Cars: B

SKILLS

Working in statistical programs Statistica, Canoco, Primer | Basic knowledge of graphic design applications | Communication and organizational skills | Teamwork | Work in MS Office (Word™, Excel™ and PowerPoint™).

ORGANISATIONAL SKILLS

Organisational skills and competences

Organization of laboratory and fieldwork assignments for students, educational and science popularisation activities

Member of the Organizing and Scientific Committee of the 1st, 2nd and 3rd European GREEN Conference (2023, 2024, 2025), Vodice

Member of the Organizing Committee of the international scientific-professional meeting "Kopački rit – yesterday, today, tomorrow" 2025.

Member of the Honorary Committee of the 15th and 14th International Scientific and Professional Conference WITH FOOD TO HEALTH

Member of the Organizing Committee of the international scientific-professional meeting "Kopački rit – yesterday, today, tomorrow" 2024. and 2023.

Member of the Organizing Committee of the scientific-professional meeting "Water for All" in Osijek in 2024. and 2022.

Member of the Scientific Committee of the 7th Croatian Botanical Symposium with international participation 2022.

Member of the Scientific Committee of the 14th Croatian Biological Congress, 2022.

NETWORKS AND MEMBERSHIPS

Society and association

Croatian Biological Society 1885

Croatian Botanical Society

International Association for Danube Research (IAD)

Federation of European Phycological Societies (FEPS)

TRAINING

[2025] **Educational workshop for mentors**

[2018] **Palacký University, Olomouc, Czech Republic**

[2021] **Educational workshop for mentors**

COMMISSIONS

[2024 – Current] **Council for interdisciplinary doctoral studies**

[2012 – 2017] **Commission for the Improvement and Quality Assurance of Higher Education at the Department of Biology**

HONOURS AND AWARDS

- [2025] **Excellence in Teaching Award Awarding institution:** Department of Biology, Josip Juraj Strossmayer University of Osijek
- [2025] **Award for scientific papers publishing Awarding institution:** Department of Biology, Josip Juraj Strossmayer University of Osijek
- [2025] **Award for excellence in project realization**
- [2023] **Excellence in Teaching Award in 2023 Awarding institution:** Department of Biology, Josip Juraj Strossmayer University of Osijek
- [2017] **Dean's of the Department of Biology Award for Scientific Excellence Awarding institution:** Department of Biology, Josip Juraj Strossmayer University of Osijek