europass

Nikola Stanković

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Gender: Male **Date of birth:** 09/03/1982 **Nationality:** Serbian

WORK EXPERIENCE

[01/05/2023 – Current]

Postdoc

Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB) https://www.igb-berlin.de

City: Berlin

Country: Germany

Name of unit or department: Community and Ecosystem Ecology

Business or sector: Information and communication

- field sampling of benthic cyanobacteria associated with macrophytes in different lakes
- cultivation of macrophytes with associated cyanobacteria (anatoxin producers)
- laboratory experiments, and analyses of macrophyte-associated microorganisms using molecular techniques, statistical analyses and bioinformatics

[27/06/2022 – Current]

Assistant professor

Faculty of Sciences and Mathematics, University of Nis

City: Nis

Country: Serbia

Teaching subjects: lectures and exercises at Bachelor and Master programmes (Microbial ecology, Algology and mycology, Microbiology, Food microbiology).
Scientific interest and research: aquatic ecotoxicology, cyanobacteria, cyanotoxins, microalgae

[17/05/2015 – 24/06/2022]

Teaching assistant

Faculty of Sciences and Mathematics, University of Nis

City: Nis

Country: Serbia

Teaching subjects: Microbiology, Algology and mycology, Ecology of the microorganisms, Microbiological practicum, and Medical microbiology.
Supervising of the laboratory experiments in the scientific field of Experimental biology and biotechnology.

[21/01/2010 – 14/05/2015]

Microbiology and molecular analyst

Poliklinika Human

City: Nis

Country: Serbia

Performing Real-time PCR, ELISA, ECLIA, hemagglutination and immunochromatographic assay tests in diagnosis of infectious diseases, which includes pathogenic bacteria, fungi, viruses, helminths and protozoa. Preparation of microbiological culture media for microbial growth and isolation of pure cultures, the determination of biochemical characteristics of microorganisms, antibiogram tests. Staining microorganisms,

fluorescence and light microscopy. Sterilization and biohazard procedures. Education and supervising of laboratory technicians in a microbiological laboratory. Microbiological laboratory control assurance. Organisation and planning of the external quality control participating (EQAS-Quali Cont, Interlaboratory comparisons). Active participation in the implementation and maintenance of laboratory accreditation (ATS).

EDUCATION AND TRAINING

[01/10/2014 – 17/06/2021]

PhD in Biology

Faculty of Sciences and Mathematics, University of Niš https://www.ni.ac.rs/en/

Address: Vardarska 33, Nis, 18000, Nis, Serbia

[03/04/2017 – 15/07/2017]

ERASMUS+ International Credit Mobility (ICM) programme

Faculty of Biology, Alexandru Ioan Cuza University https://www.uaic.ro/

Address: 22, Carol I Boulevard, 700505,, Iasi, Romania

[01/10/2010 – 10/09/2013]

Specialist in microbiology

Faculty of Biology, University of Belgrade https://www.bio.bg.ac.rs/

Address: Studentski trg 11, 11000, Belgrade, Serbia

[01/10/2003 – 10/10/2009]

M.Sc. in Biological Sciences

Faculty of Sciences and Mathematics, University of Niš https://www.pmf.ni.ac.rs/sr/

Address: Vardarska 33, Nis, 18000, Nis, Serbia

PROJECTS

[2022 – 2026]

Restoration of wetland complexes as life supporting systems in the Danube Basin. 101112736 - Restore4Life HORIZON-MISS-2022-OCEAN-01 (2022-2026)

[2022 – 2026]

Horizon Europe - Integrated Cross-Sectoral Solutions to Micro- and Nanoplastic Pollution in Soil and Groundwater Ecosystems (PlasticUnderground)

[01/03/2021 – 30/09/2021]

Analyse de la présence microbienne et fongique aux produits cosmétiques quotidiens - la petite école de microbiologie, financed by France Institute in Serbia

[01/10/2020 – 30/07/2021]

ECOBIAS: Development of master curricula in ecological monitoring and aquatic bioassessments for Western Balkans HEIs. Erasmus+ Project No ECOBIAS_609967-EPP-1-2019-1-RS-EPPKA2-CBHE-JP

LANGUAGE SKILLS

Mother tongue(s): Serbian

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

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

DRIVING LICENCE

Motorbikes: AM
Cars: B

ORGANISATIONAL SKILLS

field work, practical courses, lectures

PUBLICATIONS

[2023]

Chironomus riparius Larval Gut Bacteriobiota and Its Potential in Microplastic Degradation

Janakiev T, Milošević Đ, Petrović M, Miljković J, Stanković N, Zdravković DS, Dimkić I. Chironomus riparius Larval Gut Bacteriobiota and Its Potential in Microplastic Degradation. Microb Ecol. 2023 Oct;86(3):1909-1922. doi: 10.1007/s00248-023-02199-6. Epub 2023 Feb 18. PMID: 36806012.

[2022]

Toxic effects of a cyanobacterial strain on Chironomus riparius larvae in a multistress environment

Stanković, N., Jovanović, Boris & Kostic Kokic, Ivana & Stojkovic Piperac, Milica & Simeunović, Jelica & Jakimov, Dimitar & Dimkić, Ivica & Milošević, Djuradj. (2022). Toxic effects of a cyanobacterial strain on Chironomus riparius larvae in a multistress environment. Aquatic Toxicology. 253. 106321. 10.1016/j.aquatox.2022.106321the description...

[2021]

Toxic effect of microcystin-LR to Chironomus riparius in a multistress environment

Stanković, N., Kostić, I., Jovanović, B., Ćirić, J., Savić-Zdravković, D., Stojković Piperac, M., Milošević, Dj. (2021): Toxic effect of microcystin-LR to Chironomus riparius in a multistress environment. 12 Symposium for European Freshwater Sciences – SEFS 12, virtual conference, pp. 260.

[2021]

Histopathology of Chironomus riparius (Diptera, Chironomidae) exposed to metal oxide nanoparticles

Stojanović, J., Milošević, Đ., Vitorović, J., Savić-Zdravković, D., Stanković, N., Stanković, J., Vasiljević, P. (2021): Histopathology of Chironomus riparius (Diptera, Chironomidae) exposed to metal oxide nanoparticles. Arch Biol Sci. https://doi.org/10.2298/ABS210515025S

[2021]

In situ effects of a microplastic mixture on the community structure of benthic macroinvertebrates in a freshwater pond

Stanković, J., Milošević, D., Jovanović, B., Savić-Zdravković, D., Petrović, A., Raković, M., Stanković, N., Piperac, M.S. (2021), In situ effects of a microplastic mixture on the community structure of benthic macroinvertebrates in a freshwater pond. Environ Toxicol Chem. Accepted Author Manuscript. https://doi.org/10.1002/etc.5119.

[2020]

Can phytoplankton blooming be harmful to benthic organisms? The toxic influence of Anabaena sp. and Chlorella sp. on Chironomus riparius larvae

Stanković, N., Kostić, I., Jovanović, B., Savić-Zdravković, D., Matić, S., Bašić, J., Cvetković, T., Simeunović, J., Milošević, Dj. (2020): Can phytoplankton blooming be harmful to benthic organisms? The toxic influence of Anabaena sp. and Chlorella sp. on Chironomus riparius larvae, Science of The Total Environment, 729: 138666, https://doi.org/10.1016/j.scitotenv.2020.138666

[2019]

Development of low-cost culture media for Chlorella sp. cultivation on the base of inorganic fertilizer

Stanković, N., Joković, N., Đorđević, Lj., Vitorović, J., Vujić, J., Mihajilov-Krstev, T. (2019): Development of low-cost culture media for Chlorella sp. cultivation on the base of inorganic fertilizer. 13th Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Stara planina Mt., pp. 115 – 116.

[2019]

The dependence of freshwater microalgae biomass production on the source of nitrogen in media

Stanković, N., Joković, N., Vitorović, J., Đorđević, Lj., Mihajilov-Krstev, T. (2019): The dependence of freshwater microalgae biomass production on the source of nitrogen in media. 13th Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Stara planina Mt., pp. 115.

[2016]

Potential of Ocimum basilicum L. and Salvia officinalis L. essential oilsagainst biofilms of P. aeruginosa clinical isolates

Stojanović-Radić, Z., Pejcić, M., Stojanović, N., Sharifi-Rad, J., Stanković N. (2016): Potential of Ocimum basilicum L. and Salvia officinalis L. essential oils against biofilms of P. aeruginosa clinical isolates, Cellular and Molecular Biology (Noisy-le-grand). 62(9): 27-33, https://doi.org/10.14715/cmb/2016.62.9.5