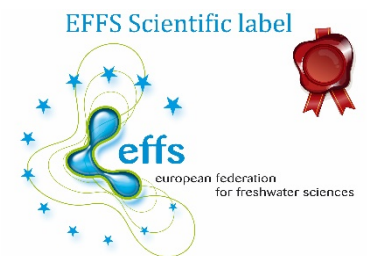




Program Simpozija

Symposium Programme



Program Simpozija

Symposium Programme

Prijava sudionika	8:00 - 9:00	Registration
Otvaranje Simpozija	9:00	Symposium Opening
Plenarno predavanje	9:15 – 10:00	Plenary Lecture
Usmena priopćenja	10:00 – 11:00	Oral Presentations
Stanka / Poster	11:00 – 11:30	Coffee Break / Posters
Usmena priopćenja	11:30 – 13:30	Oral Presentations
Stanka za ručak	13:30 – 14:30	Lunch Break
Plenarno predavanje	14:30 – 15:15	Plenary Lecture
Usmena priopćenja	15:15 – 16:30	Oral Presentations
Stanka / Poster	16:30 – 17:00	Coffee Break / Posters
Usmena priopćenja	17:00 – 18:20	Oral Presentations
Zatvaranje Simpozija	18:20	Symposium Closing

Mole se sudionici da tijekom Simpozija nose oznaku kako bi mogli sudjelovati u znanstvenom i društvenom dijelu programa. Boje kongresnih oznaka su: bijela – sudionici, narančasta – plenarni predavači, plava - organizacijski odbor i zelena – tehnička potpora.

Participants are kindly requested to wear their badge (accreditation) throughout the Symposium in order to be admitted to the scientific sessions and all social events. Badge colours are: white – participants, orange – plenary lecturer, blue - organizing committee and green – technical support.

Organizator / Organizer:

Croatian Association of Freshwater Ecologists

Suorganizator / Co-organizer:

Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu:

Biološki odsjek, Fizički odsjek / Faculty of Science, University of Zagreb:

Department of Biology, Department of Physics



Mjesto održavanja / Venue:

Fizički odsjek, Prirodoslovno-matematički fakultet / Department of

Physics, Faculty of Science, Bijenička cesta 32, Zagreb, Croatia

Predavaonice / Lecture Halls:

F08 prizemlje i prvi kat / ground floor and first floor

F102 prvi kat / first floor

Posterska sekcija / Poster Session:

Prvi kat / First floor

Datum / Date

21. travanj 2023. godine (April 21, 2023)

Sponsors:



PLITVIČKA
JEZERA Nacionalni park
National Park



Coca-Cola HBC
Hrvatska





	Dvorana / Hall F08	Dvorana / Hall 102
9:00	Otvaranje simpozija / Symposium Opening	
9:15 – 10:00	Plenarno predavanje / Plenary Lecture (F08) Patrick Leitner Anthropogenically induced fine sediment deposition in streams – a severe and widely underestimated threat to benthic invertebrate communities	
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: Igor Stanković	
10:00-10:12	Iva Vidaković Maoduš (O-1): Hydromorphology vs. organic pollution: which is more responsible for shaping benthic invertebrate assemblages?	
10:12-10:24	Ana Previšić , Iva Kokotović, Marina Veseli, Filip Ložek, Zrinka Karačić, Marko Rožman (O-2): Climate change and pollution reduce biomass and resource quality in freshwater food webs	
10:24-10:36	Tomislav Kralj , Susann Bromberger, Carola Winkelman, Susanne Worischka, Krešimir Žganec, Damir Valić (O-3): The impact of invasive amphipod <i>Dikerogammarus villosus</i> on leaf litter decomposition in Croatian and German rivers	
10:36-10:48	Nikola Hanžek , Marija Gligora Udovič, Katarina Kajan, Gábor Borics, Gábor Várбірó, Thorsten Stoeck, Sandi Orlić, Igor Stanković (O-4): The first attempt of eDNA metabarcoding of phytoplankton in Croatia and open questions	
10:48-11:00	Igor Stanković , Nikola Hanžek, Gábor Borics (O-5): Is the oligotrophication of the Danube real or just a random result?	
11:00 - 11:30	Stanka za kavu i Posterske prezentacije / Coffee Break and Poster Presentations	



	Dvorana / Hall F08	Dvorana / Hall F102
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: Marina Vilenica	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: Vedran Šegota
11:30-11:42	Lena Bonassin , Judith Paetsch, Christelle Rutz, Leonie Schardt, Carola Greve, Odile Lecompte, Lucian Pârvulescu, Kathrin Theissinger (O-10): Genomic approach for the conservation of an endemic crayfish species	Barbara Vlaičević , Vesna Gulin Beljak, Renata Matoničkin Kepčija, Ivana Turković Čakalić, Dubravka Čerba (O-6): Seasonal and hydrological variability govern the taxonomic and functional diversity of periphytic ciliates in a temperate floodplain
11:42-11:54	Ljudevit Luka Boštjančić , Caterina Francesconi, Lena Bonassin, Sandra Hudina, Romana Gračan, Ivana Maguire, Ana Beck, Ana Dobrović, Odile Lecompte, Kathrin Theissinger (O-11): The noble crayfish facing the crayfish plague: chronicle of a death foretold	Vedran Šegota , Anja Rimac, Antun Alegro, Marija Bučar (O-7): Beyond the lakes – Aquatic vegetation of the streams of Plitvice Lakes National Park (Croatia)
11:54-12:06	Paula Dragičević , Ana Bielen, Jurica Žučko, Ines Sviličić Petrić, Sandra Hudina (O-12): Changes in the microbiome of a successful freshwater invader along the environmental gradient	Marija Bučar , Vedran Šegota, Anja Rimac, Nina Vuković, Nikola Koletić, Antun Alegro (O-8): Distribution and ecology of <i>Elodea canadensis</i> Michx. and <i>Elodea nuttallii</i> (Planch.) H. St. John in Croatia
12:06-12:18	Sandra Hudina , Paula Dragičević, Ivana Maguire, Romana Gračan, Anita Tarandek, Lucija Abramović, Sofia Ana Blažević, Ana Bekavac, Ana Beck (O-13): Determinants of invasion success in a freshwater invader: exploring the occurrence of hepatopancreatitis and changes in the immune response in signal crayfish population in Croatia	Nina Šajna , Tina Urek, Primož Kušar, Mirjana Šipek (O-9): The importance of thermal and heated waters for aquatic plant invasions – what can we learn from <i>Pistia stratiotes</i> ?
12:18-12:30	Ivana Pozojević , Marija Ivković, Ana Previšić, Zlatko Mihaljević (O-14): The future of crenobiont species in the era of changing climate - a cautionary tale of <i>Drusus croaticus</i> Marinković-Gospodnetić, 1971 (Insecta: Trichoptera) in the Plitvice Lake National Park	
12:30-12:42	Valentina Dorić , Ivana Pozojević, Viktor Baranov, Marko Miliša, Marija Ivković, Zlatko Mihaljević (O-15): 14 years of chironomid emergence at a tufa barrier in Plitvice Lakes National Park	
12:42-12:54	Marta Radošević , Marija Perović, Valentina Dorić, Ivana Pozojević, Gunnar Kvifte, Levente-Péter Kolcsár, Adrian Pont, Marija Ivković (O-16): Changes in aquatic Diptera diversity and community structure affected by climate change	

	Dvorana / Hall F08	Dvorana / Hall F102
12:54-13:06	Mario Rumišek , Ivana Pozojević, Valentina Dorić, Ryszard Szadziwski, Marija Ivković (O-17): Perennial phenology patterns of biting midges (Diptera: Ceratopogonidae) in Plitvice Lakes	
13:06-13:18	Ana Klarin , Vlatka Mičetić Stanković, Marija Ivković (O-18): Emergence of Scirtids (Insecta: Coleoptera: Scirtidae) in lotic karst habitats	
13:18-13:30	Edin Lugić , Vlatka Mičetić Stanković (O-19): Annotated checklist of the family Hydraenidae (Insecta: Coleoptera) in Croatia: preliminary data	
13:30-14:30	Stanka za ručak / Lunch Break	
14:30- 15:15	Plenarno predavanje /Plenary Lecture (F08) Maja Zagmajster Groundwater biodiversity and conservation challenges	
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: Ana Previšić	
15:15-15:27	Sanja Gottstein , Patrik Glavan (O-20): Effects of drying on invertebrate assemblages in the hyporheic zone of the intermittent Rječina River	
15:27-15:39	Sanja Žalac , Andrijana Brozinčević, Mladen Kučinić (O-21): Life cycle of <i>Drusus croaticus</i> Marinković-Gospodnetić, 1971 (Insecta: Trichoptera)	
15:39-15:51	Filip Ložek , Marko Rožman, Iva Kokotović, Ivana Grgić, Antonia Smolić, Ana Previšić (O-22): The impacts of increased temperature and pollution on the biological functions of two caddisfly species	



	Dvorana / Hall F08	Dvorana / Hall F102
15:51-16:03	Denis Bućan , Vlatka Mičetić Stanković, Marina Šumanović, Marina Vilenica, Ivana Pozojević, Marko Miliša (O-23): Benthic macroinvertebrates in an intermittent stream: dynamics of recovery and recolonization patterns	
16:03-16:15	Marina Veseli , Iva Kokotović, Marko Rožman, Andreja Brigić, Mira Petrović, Ana Previšić (O-24): Transfer of waterborne endocrine disrupting compounds in riparian food webs	
16:15-16:27	Iva Kokotović , Marina Veseli, Vojtech Kolar, Simon Vitecek, Marko Rožman, Ana Previšić (O-25): Effects of climate change and wastewater effluent on aquatic macroinvertebrates: insights from a mesocosm experiment	
16:30-17:00	Stanka za kavu i Posterske prezentacije / Coffee Break and Poster Presentations	
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: Ivana Pozojević	
17:00-17:12	Marina Vilenica , Fran Rebrina, Lea Ružanović, Mario Rumišek, Renata Matoničkin Kepčija, Andreja Brigić (O-26): Mayfly assemblages in lentic phase of karst intermittent rivers in the Mediterranean	
17:12-17:24	Maja Vurnek (O-27): Differences in vertical distribution of physico-chemical parameters in deep and shallow lakes - A case study from Plitvice Lakes National Park, Croatia	
17:24-17:36	Fran Rebrina , Jasna Lajtner, Marina Vilenica, Lea Ružanović, Mario Rumišek, Renata Matoničkin Kepčija, Andreja Brigić (O-28): Freshwater gastropod assemblages in Mediterranean intermittent rivers: the influence of physico-chemical water properties	



	Dvorana / Hall F08	Dvorana / Hall F102
17:36-17:48	Lana Židak , Marina Vilenica, Mario Rumišek, Renata Matoničkin Kepčija, Fran Rebrina, Andreja Brigić (O-29): Spatial variability of Diptera assemblages in lotic phase of karst intermittent rivers in the Mediterranean	
17:48-18:00	Luka Polović , Petr Pařil, Nuria Bonada, Thibault Datry, Marko Miliša (O-30): Better understanding of drying river networks through project DRYvER using drying resistance and resilience traits	
18:00-18:12	Tatjana Mijošek , Zorana Kljaković-Gašpić, Sara Šariri, Zuzana Redžović, Damir Valić, Tomislav Kralj, Ivana Karamatić, Vlatka Filipović Marijić (O-31): Metal(loid)s accumulation and oxidative stress responses in brown trout under the influence of wastewater in a karst catchment	
18:20	Symposium Closing	

Posterska priopćenja / Poster Presentations

P – 1	Aleksandar Božić , Katarina Stojanović, Ivana Živić: Trichoptera of Vojvodina district - new findings and future expectations
P – 2	Mihaela Britvec , Karl Georg Bernhardt, Patricija Cigula: Aquatic plants diversity in the Lika River Basin
P – 3	Jelena Čanak Atlagić , Nikola Marinković, Ana Marić, Bojana Tubić, Jelena Đuknić, Stefan Andjus, Momir Paunović, Predrag Simonović: Which habitat characteristics promote growth of brown trout (<i>Salmo trutta</i> L. 1758)?
P – 4	Đikanović Vesna , Skorić Stefan, Tubić Bojana, Jovičić Katarina: Assessment of ecological potential of the Medjuvršje reservoir based on benthic macroinvertebrates
P – 5	Jelena Đuknić , Nikola Marinković, Maja Raković, Jelena Čanak Atlagić, Momir Paunović, Božica Vasiljavić, Nataša Popović: Diversity and distribution of Simuliidae (Insecta: Diptera) in the Balkan Peninsula
P – 6	Viktorija Ergović , Dubravka Čerba, Zlatko Mihaljević: The application of Chironomid Pupal Exuvial Technique (CPET) to assess water quality in reservoirs in Croatia
P – 7	Jelena Fajdetić , Marija Ivković: Long-term phenology patterns and ecology of <i>Ibis marginata</i> (Fabricius, 1781) (Diptera, Athericidae) at Plitvice Lakes National Park
P – 8	Vesna Gulin Beljak , Barbara Vlaičević, Mirela Sertić Perić, Renata Matoničkin Kepčija: Restored tufa-depositing streams: a dynamic interface between terrestrial and lotic ecosystems
P – 9	Olga Jakovljević , Dragana Predojević, Jelena Knežević, Vesna Karadžić, Jelena Krizmanić, Gordana Subakov Simić, Slađana Popović: Impact of seasonal variations on phototrophs and water quality in cave stream

Posterska priopćenja / Poster Presentations

P – 10	<u>Marija Jovanovac</u> , Kristina Kovačević, Goran Vignjević, Nataša Turić: Water beetles in the area of Biljski rit and Kopački rit Nature Park
P – 11	<u>Zoran Kiralj</u> , Zrinka Dragun, Bruno Bušić, Jasna Lajtner, Krešimira Trgovčić, Dušica Ivanković: Cadmium accumulation and biomarker responses in the digestive glands of <i>Unio crassus</i> Philipsson in Retz, 1788 following cadmium exposure
P – 12	<u>Jernej Košir</u> , Nina Šajna: Distribution of the North-American signal crayfish in river Drava basin in Slovenia in 2022
P – 13	<u>Jasna Lajtner</u> , Krešimir Matanović, Emil Gjurčević, Dušica Ivanković, Zoran Kiralj, Krešimira Trgovčić, Zrinka Dragun: The first record of the trematode parasite <i>Aspidogaster conchicola</i> in the freshwater mussel <i>Unio pictorum</i> in Croatia
P – 14	<u>Dragana Predojević</u> , Marija Pečić, Olga Jakovljević: Do the recreational sectors in Lake Palić differ in their ecological status?
P – 15	<u>Šovran Sanja</u> , Knežević Ana, Lazarević Predrag: New findings of rare and threatened non-diatom freshwater algae in NP "Kopaonik", Serbia
P – 16	Vesna Gulin Beljak, <u>Maria Špoljar</u> , Tvrtko Dražina, Mirela Sertić Perić, Renata Matonićkin Kepčija, Marina Šumanović: Response of zooplankton assemblages in the Adriatic coastal ponds to different restoration methods
P – 17	<u>Bojana Tubić</u> , Katarina Zorić, Ana Atanacković, Marija Ilić, Jelena Čanak Atlagić, Nataša Popović, Nikola Marinković, Jelena Tomović, Maja Raković, Stefan Anđus, Momir Paunović: Benthic macroinvertebrates of the upper stretch of the Neretva River
P – 18	<u>Božica Vasiljević</u> , Marija Ilić, Jelena Đuknić, Jelena Tomović, Ana Atanacković, Momir Paunović: New record of exotic diatom <i>Capartogramma crucicula</i> (Grunow) Ross in Europe
P – 19	<u>Jana Zekirovski</u> , Valentina Dorić, Marija Ivković, Zlatko Mihaljević: Longitudinal profile of benthic macroinvertebrate communities of the Mirna River with special emphasis on chironomid larvae



Lokacije održavanja Simpozija i ručka

4. Simpozij o biologiji slatkih voda održat će se na **Fizičkom odsjeku** Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu (Bijenička cesta 32, 10000 Zagreb).

Ručak za sudionike Simpozija će se održati također u prostorima **Fizičkog odsjeka u prizemlju** (Bijenička cesta 32, 10000 Zagreb). Očekuje vas raznovrsna ponuda jela servirana u obliku švedskog stola te piće.

Za **pomoć** u navigaciji i/ili dolasku na lokaciju, kontaktirajte Organizacijski odbor na broj telefona: +385 98 857 685 ili +385 91 797 9 652.



Locations of the Symposium venue and lunch place

4th Symposium on Freshwater Biology will take place at the **Department of Physics** of the Faculty of Science at the University of Zagreb (Bijenička cesta 32, 10000 Zagreb).

Lunch for the symposium participants will be provided at the **Department of Physics** on the ground floor (Bijenička cesta 32, 10000 Zagreb). Variety of dishes in buffet-style service waits for you, including drinks.

For any **help** in navigation and/or arrival at location, feel free to phone the Organizing committee: +385 98 857 685 or +385 91 797 9 652.