



## Project BIOLAWEB

### Deliverable D6.4

#### Proceedings of scientific conferences

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### Proceedings of scientific conferences

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## Deliverable summary

Deliverable D6.4 provides links to conference proceedings accepted during the BIOLAWEB project lifetime. By participating in international and national conferences, researchers raised the research profile and presented project results and new metabarcoding methods. Proceedings of scientific conferences are available at UB-ICTM repositories – CER ([https://cer.ihtm.bg.ac.rs/handle/123456789/7506/discover?filtertype=type&filter\\_relational\\_operator>equals&filter=conferenceObject](https://cer.ihtm.bg.ac.rs/handle/123456789/7506/discover?filtertype=type&filter_relational_operator>equals&filter=conferenceObject)).

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# 1 Introduction

Participation in scientific conferences is a vital component of project implementation, as it enables the dissemination of results, the exchange of knowledge, and the establishment of professional networks. Conferences provide an opportunity to present ongoing research, receive feedback from the scientific community, and ensure that project outcomes are communicated beyond the immediate project team. They also foster collaboration, encourage the integration of new ideas, and contribute to the project's visibility and long-term impact.

According to the project plan, at least 2 conferences per year are planned to ensure continuity of knowledge exchange and sustained collaboration among participants.

Proceedings of scientific conferences are available at UB-ICTM repositories – CER ([https://cer.ihm.bg.ac.rs/handle/123456789/7506/discover?filtertype=type&filter\\_relational\\_operator>equals&filter=conferenceObject](https://cer.ihm.bg.ac.rs/handle/123456789/7506/discover?filtertype=type&filter_relational_operator>equals&filter=conferenceObject)).

## 2 Participation in scientific conferences

By the end of the project, our team had participated in a total of 9 conferences, where we delivered 9 abstracts and 2 full papers in conference proceedings. These events provided valuable platforms for dissemination and collaboration.

### 2.1 ExcellMater Conference 2024

Dr Miloš Ćirić and Željka Milovanović participated in the ExcellMater Conference 2024 (Innovative Biomaterials for Novel Medical Devices) held from April 10–12, 2024, at the Science Technology Park in Belgrade, Serbia (Figure 1).

Poster presentation: [Boosting Institute of Chemistry, Technology and Metallurgy in water biomonitoring - BIOLAWEB](#)



Figure 1. ExcellMater Conference 2024

## 2.2 37<sup>th</sup> Congress of the International Society of Limnology – SIL2024

Dr Milos Ćirić participated in the 37<sup>th</sup> Congress of the International Society of Limnology (SIL) held from May 5–9, 2024, in Foz do Iguacu, Brazil (Figure 2).

Oral presentation: [Application of eDNA metabarcoding to phytoplankton research in freshwater and saline lakes.](#)



Figure 2. 37<sup>th</sup> Congress of the International Society of Limnology 2024

## 2.3 53<sup>rd</sup> Annual Conference of the Serbian Water Pollution Control Society – WATER 2024

Dr Miloš Ćirić and Željka Milovanović participated in the 53<sup>rd</sup> Annual Conference of the Serbian Water Pollution Control Society - WATER 2024, held from May 27–29, 2024, in Palić, Serbia (Figure 3).

Oral presentation given by Dr Miloš Ćirić: [Ecological potential assessment of Markovačko lake - a new approach in biomonitoring.](#)



Figure 3. 53<sup>rd</sup> International Conference on Water Use and Protection - WATER 2024

## 2.4 8<sup>th</sup> Congress of the International Society of Applied Phycology – ISAP2024

Dr Danijela Vidaković and Dr Aleksandra Marković participated in the 8<sup>th</sup> Congress of the International Society of Applied Phycology (ISAP2024) held from Jun 16–21, 2024, in Porto, Portugal (Figure 4).

Oral presentation given by Dr Danijela Vidaković: [Metabarcoding as a tool to complement the reference database – a case study of saline lake \(Pečena Slatina, Serbia\)](#).

Poster presentation given by Dr Aleksandra Marković: [The use of charophyte algae in ecological status assessment of lakes – developing new methods based on eDNA](#).

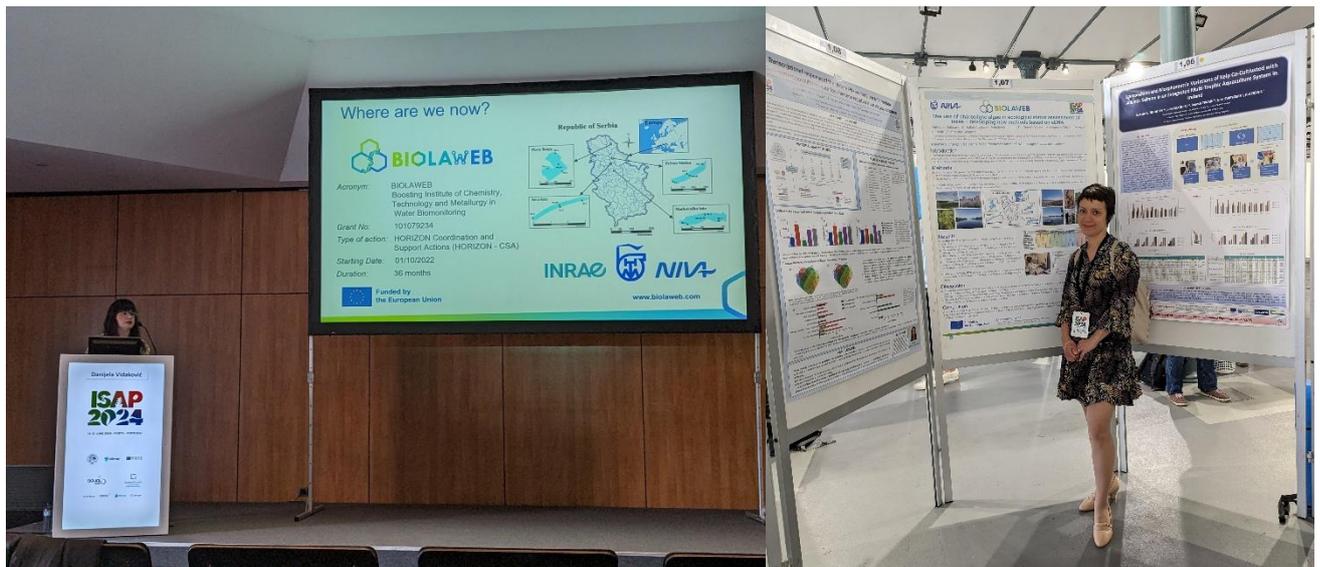


Figure 4. ISAP2024. Dr Danijela Vidaković left. Dr Aleksandra Marković right.

## 2.5 International Conference Adriatic Biodiversity Protection – AdriBioPro2024

As a result of the cooperation established through the BIOLAWEB project, the outcomes were presented at the International Conference Adriatic Biodiversity Protection - AdriBioPro2024 held from October 1–4, 2024, in Kotor, Montenegro. This collaboration involved colleagues from the Institute of Criminological and Sociological Research (Serbia) and the Institute of Marine Biology, University of Montenegro.

Oral presentation given by Dr Vera Stanković (Institute of Criminological and Sociological Research): [eDNA - A modern tool for the preservation of marine ecosystems: the example of the sea of Montenegro](#).

## 2.6 8<sup>th</sup> Congress on extant and fossil charophytes 2024

Dr Susanne Claudia Schneider (NIVA) participated in the 8<sup>th</sup> Congress on extant and fossil charophytes held from October 8 to 11 in Melbourne, Australia (Figure 5).

Oral presentation: [Treasures in Murky Waters? – The Search for Chara-eDNA in Water Samples](#).



Figure 5. 8<sup>th</sup> Congress on extant and fossil charophytes 2024

## 2.7 Exploring Aquatic Ecology through Omics – AquaEcOmics2025

Dr Miloš Ćirić, Dr Danijela Vidaković, Dr Vladimir Petrović, PhD students Željka Milovanović, Kristina Petrović, and Ljubica Vlaović participated in the AquaEcOmics2025, held from March 17–20, 2025, in Evian-les-Bains, France (Figure 6).

Oral presentation given by the PhD student Kristina Petrović: [eDNA-based assessment of phytoplankton community structure and dynamics in a saline lake in Serbia: comparison with microscopy-based method.](#)

Oral presentation given by the PhD student Ljubica Vlaović: [Challenges in the investigation of the diatom community of saline habitats: A case study of Plava Banja \(Serbia\).](#)



Figure 6. AquaEcOmics2025

## 2.8 54<sup>th</sup> Annual Conference of the Serbian Water Pollution Control Society – WATER 2025

Dr Miloš Ćirić participated in the 54<sup>th</sup> Annual Conference of the Serbian Water Pollution Control Society - WATER 2025 held from June 16–18, 2025, in Kopaonik, Serbia (Figure 7).

Oral presentation: [Metabarcoding as a Tool for Phytoplankton Identification in Saline Lakes](#).



Figure 7. 54<sup>th</sup> Annual Conference of the Serbian Water Pollution Control Society 2025

## 2.9 17<sup>th</sup> International Symposium on Aquatic Plants 2025

Dr Aleksandra Marković and Dr Susanne Claudia Schneider (NIVA) participated in the 17<sup>th</sup> International Symposium on Aquatic Plants held from September 15–19, 2025, in Lisbon, Portugal (Figure 8).

Oral presentation given by Dr Aleksandra Marković: [Developing eDNA-based methods for exploring charophyte algae diversity in lakes](#).



Figure 8. 17<sup>th</sup> International Symposium on Aquatic Plants 2025



### 3 Participation in scientific conferences after Project Completion

The project outcomes will continue to be shared at national/international conferences beyond the project's completion. During the project lifetime, two more abstracts were accepted for presentation at the international conference.

PhD students Kristina Petrović and Ljubica Vlaović will participate in the 6<sup>th</sup> Balkan Conference on BioSciences, which will take place on October 30–31, 2025, in Plovdiv, Bulgaria.

PhD student Kristina Petrović will present a poster presentation: *Assessing the efficiency of 23S rRNA metabarcoding in characterising phytoplankton community structure using mock communities*.

PhD student Ljubica Vlaović will present a poster presentation: *Evaluating the use of saline diatom indices for bioassessment through metabarcoding and microscopy in two inland saline lakes (Serbia)*.