

Interreg Alpine Space Eco-AlpsWater Final Conference **Laying the foundations for the Next Generation Aquatic Biomonitoring** **Approaches** **12 October 2021 – Teleconference**

Ecosystem services provided by lakes and rivers are facing serious threats under the pressure of anthropogenic impacts, climate change, biodiversity loss and invasion of exotic species. The assessment of these changes is still defined by conventional criteria, which most of the time include time-consuming and expensive approaches.

In the Eco-AlpsWater project, twelve governmental and academic partners and thirty-seven observers from six Alpine Space regions have collaborated for over three years to develop, adapt, and implement new methods of environmental DNA analysis using High Throughput Sequencing (HTS) to be applied in the assessment of the ecological quality of lakes and rivers. The results obtained with the novel approaches were compared and integrated into the results of conventional biomonitoring defined by the Water Framework Directive (WFD) and the Water Protection Ordinance (WPO). Overall, the activities and experiences made it possible to take a significant step forward in integrating the two approaches in the assessment of the water ecological status in the Alpine and other surrounding regions.

We warmly invite you to attend the final Conference of the project Eco-AlpsWater, which will be held online (Zoom) on the 12th of October 2021. The conference will give the opportunity to explore and discuss with us the outcomes of the project.

Participants can require the Zoom link by filling the registration form:

https://us02web.zoom.us/meeting/register/tZwrde-vpzgoGd0xjz1K-peGBo_QAiHFpTpQ

After registering, you will receive a confirmation email containing information about joining the meeting.

Please forward this link to all the people potentially interested to join the workshop! The event and the link to the pre-registration form will be soon advertised in the EAW website:

<https://www.alpine-space.eu/projects/eco-alpswater/en/home>

Please disseminate!

Interreg Alpine Space Eco-AlpsWater Final Conference

Laying the foundations for the Next Generation Aquatic Biomonitoring Approaches

12 October 2021 – Teleconference

Morning 8:45-12:25 DST - Afternoon 13:30-17:20 DST



Morning

	Seminars and Activities	Chair / Speaker
8:45-9:00	<i>Set up and remote Zoom connection between participants</i>	
	WELCOME ADDRESSES	
9:00-9:05	FEM-CRI Director	Mario Pezzotti <i>FEM-CRI</i>
9:05-9:15	Alpine Space Joint Secretariat	Nicolas Chesnel, Jana Habjan <i>Interreg Alpine Space - JS</i>
9:15-9:25	Italian Contact Point	Roberto De Marco <i>Contact Point italiano del Programma Spazio Alpino</i>
9:25-9:35	EUSALP - AG7 Leader	Michaela Kuenzl - <i>EUSALP</i> - <i>Bavarian State Ministry of the Environment and Consumer Protection</i>
	OPENING	
9:35-9:40	Short video	Tina Elersek <i>NIB</i>
9:40-10:25	Introduction: Overview: main activities and outputs of the Project Eco-AlpsWater	Nico Salmaso <i>FEM</i>
10:25-10:40	Coffee Break	

	SESSION 1 Dissemination of knowledge base and adoption of common innovative approaches in aquatic biomonitoring	
10:40-11:10	Innovative methods based on the analysis of environmental DNA	Isabelle Domaizon <i>INRAE</i>
11:10-11:30	Public protocols to harmonize EU and CH approaches for innovative water quality assessment in the Alpine Space region	Camilla Capelli, Fabio Lepori <i>SUPSI</i>
11:30-11:40	Q&A	
	SESSION 2 Results	
11:40-12:25	The contribution of the new approaches to the established ecological quality monitoring	Rainer Kurmayer <i>LFUI</i>

12:25-13:30	LUNCH/COFFEE BREAK – playback of different video material gained during the project	<i>EAW Communication</i>
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Afternoon

	Seminars and Activities	Chair / Speaker
	SESSION 2 (cont.)	
13:30-13:45	eDNA metabarcoding for fish biodiversity assessment in the Alpine water bodies - Intercalibrations and applications	Giulia Riccioni <i>FEM</i>
13:45-14:00	The analysis of environmental DNA to study fish communities: Summary of the project goals and outcomes	Josef Wanzenböck <i>LFUI</i>
14:00-14:10	The Alpine water cooperation network	Tina Elersek <i>NIB</i>
14:10-14:20	Q&A	

	SESSION 3 Guidelines to adopt innovative monitoring approaches for the assessment of ecological status, and restoration actions	
14:20-15:00	Short Guide for implementing the Eco-AlpsWater Toolbox in innovative and routine monitoring approaches, policy planning and management	Ute Mischke <i>LfU</i>
15:00-15:15	Extension of activities beyond the Alpine Space area – Examples of applications of novel biomonitoring approaches in Central Italy	Claudia Greco <i>ISPRA</i>
15:15-15:25	EUSALP – AG6	
15:25-15:40	EUSALP - AG7 Planning, Protecting and Restoring Ecological Connectivity in the Mura-Drava-Danube River Corridor With Practice Examples from Slovenia	Katja Berden - EUSALP - <i>Institute of the Republic of Slovenia for Nature Conservation</i>
15:40-15:50	Q&A	
15:50-16:05	Coffee Break	
	SESSION 4	
16:05-16:45	Round table: Experiences with the application of novel biomonitoring approaches	Katarina Novak (moderator) <i>ARSO</i>
	SESSION 5	
16:45-17:05	How EAW project has been the voice of good EU news - dissemination activities and main outputs	Tina Elersek <i>NIB</i>
17:05-17:20	CLOSING OF THE MEETING and Q&A	

