

EAW Workshop on the use of HTS method in Alpine Water – 18-19th MAY 2021 –
19th May afternoon for parallel regional sessions in native languages
Morning 9:30 - 12:00 // Afternoon 13:00-16:30

Meeting links to Webex teleconference:

You may install "CISCO Webex meetings"-App or join by your Browser



Meeting-Information Tuesday 18.05.2021

Meeting-Link:

<https://stmelf.webex.com/stmelf/j.php?MTID=m1ffc5132df67aee486836509e3763cb0>

Meeting-number: 137 285 4344

Password: **ySkMi445553** (97564445 with phone or video systems)

Meeting-Information Wednesday 19.05.2021

Meeting-Link: <https://stmelf.webex.com/stmelf/j.php?MTID=m0116a0cfaa8b330aacea3d89f549fb61>

Meeting-number: 137 865 4573

Password: **eyV7wv46223** (39879846 with phone or video systems)

Program

DAY 1	Wednesday, 18th May, 2021 Sessions with discussion	Lecturers
9:30 20 min	Introduction to the workshop and overview of sessions	Jochen Schaumburg
	PART 1 - How to gain a taxa inventory by HTS method from environmental samples?	
09:50 10 min	(session aim: introduction to the main work flows and main decisions within the project so far)	CHAIR: Rainer Kurmayer
10:00 30 min	Each step is important: Up-to-date protocols for sampling, DNA extraction, PCR, sequencing and bioinformatics	Ute Mischke
10:30 60 min	Strengths and gaps of high-throughput sequencing applications in water biomonitoring and ecological assessment: Lessons from the Eco-AlpsWater Project	Nico Salmaso
11:30 30 min	Q&A and DISCUSSION Part 1 Project concept and workflow – Question collection from observers and users	
12:00 60 min.	Workshop break	
	PART 2 – Integration of EU-WFD/CH-WPO monitoring results with HTS and the role of data bases	
	Aim: results metabarcoding to traditional methods	
	Presentations on results for fishes	Chair: Hans Rund
13:00 25 min	Fish species in Eco-AlpsWater's key waterbodies based on traditional sampling methods	Josef Wanzenböck
13:25 25 min	Traditional and HTS biomonitoring methods in Austrian waterbodies	Hans Rund
13:50 25 min	Traditional and HTS biomonitoring methods in Lake Starnberg	Christian Vogelmann
14:15 25 min	eDNA metabarcoding for fish biodiversity assessment in the Alpine waterbodies	Giulia Riccioni
10 min	Break time	CHAIR: Nico Salmaso
14:50 30 min	HTS taxonomy results – Make taxa lists available	Ute Mischke
15:20 30 min	Recovery rates of plankton taxa by HTS and which are newly detected with focus cyanobacteria	Rainer Kurmayer
15:50 20 min	Ecological status assessment based on HTS results - restrictions and new opportunities - DNA metabarcoding and diatom biomonitoring	Frederic Rimet
16:10 20 min	Q&A and DISCUSSION Part 2 – Question collection from observers and users	
16:30 - 17:00	End of day 1	

DAY 2	Wednesday, 19th May, 2021 Session	Lecturers
	PART 3 - Roadmap for knowledge transfer	
	Session aim: EAW integration of next generation monitoring to routine water management	Chair: Jochen Schaumburg
9:30 30 min.	Visit and explore the EAW webpage	Tina Elersek
10:00 10 min.	HTS method in Italy – Report about the Initiative	Chiara Zampieri
10:10 10 min.	Experiences with HTS method for fish in Slovenia	Špela Remec-Rekar
10:20 10 min.	Experiences with HTS method for fish in Germany	Christian Vogelmann
	Water resources management in the EUSALP programs	CHAIR: Gianantonio Battistel
10:30 10 min.	The role of the Eco-AlpsWater network in the governance and preservation of water resources in the Alps	Nico Salmaso, LP, FEM
10:40 15 min.	Facilitation of connections with the EUSALP policy	Gian Antonio Battistel, LP, FEM
10:55 10 min.	Improving governance approaches in the Alpine Space regions	Alessandro Gretter, LP, FEM
11:05 10 min.	Discussion	Chair: Gian Antonio Battistel
11:15 10 min.	Metadata: Data sets to bring eDNA results into environmental context	Tina Elersek
11:25 10 min.	Perspectives for harmonization and HTS integration in water biomonitoring across the Alpine Space (EU-WFD/CH-WPO)	Camilla Capelli and Fabio Lepori
11:35 25 min.	Discussion about the integration of EAW experience into the water quality assessment and management in the Alpine Space area	Moderator: LP and WPs
DAY 2 afternoon	Regional Stakeholder meetings in parallel sessions in native languages Wednesday, 19th May, 2021	
13:00 2:30 hours	I) Join Italian and Switzerland regional stakeholder event II) Join Bavarian and Austrian regional stakeholder event (on fish and micro algae inventories)	Chiara Zampieri / Camilla Capelli Ute Mischke / Christian Vogelmann / Jochen Schaumburg / Rainer Kurmayer / Josef Wanzenböck and others
Topic 1	Regional results in detail and discussions with stakeholders and potential users	
Topic 2	Demonstration of the “EAW taxa analysis tool” (draft version of an Access data base)	
Topic 3	Collection of questions from users to improve the FAQ catalogue	

Meeting links to regional stakeholder meetings (19th May, start 13:00):

(I) Meeting rivolto agli stakeholders ed observers italiani e svizzeri

Link per l'iscrizione: <https://us02web.zoom.us/meeting/register/tZAtfuGhrD8pHdLoQrKc6hbsrYPxSBtoGWGo>

Meeting link: <https://www.isprambiente.gov.it/it/news/meeting-regionale-italia-svizzera-del-progetto-ecoalpswater>

(II) Informationsveranstaltung zur bayerisch – österreichischen Beteiligung am Alpine Space-Projekt Eco-AlpsWater

Meeting link: <https://stmelf.webex.com/stmelf/j.php?MTID=m5b48705dd978a357fd8d91fc4a568ed6>

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



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