

Programme & Registration

River Management and Ecology 2024

European Policies | River Restoration | Hydropower



Salzburg | Austria

21 and 22 March 2024



In cooperation with:

**RENEXPO
INTERHYDRO**





River Management and Ecology

European Policies | River Restoration
Hydropower

Conference is embedded
within the trade fair
RENEXPO® INTERHYDRO



vgbe/VÖU Expert Event

21 and 22 March 2024
Salzburg, Austria

vgbe/VÖU Expert Event “ River Management and Ecology “

The joint Expert Event of vgbe energy and VÖU brings together experts from policy, authorities, operators, manufacturers and suppliers, scientists, NGOs and other relevant stakeholders to discuss crucial issues in the fields of river management, restoration and ecology.

Rivers serve as vibrant hubs of biodiversity, providing essential water for domestic, agricultural, industrial, and energy needs, as well as supporting various ecosystem services. Effective river management optimizing these diverse benefits is pivotal for ensuring water security and addressing multiple policy objectives. Challenges related to environmental conservation, ecosystem preservation and restoration extend beyond specific industries, encompassing our entire society.

There exists a pressing need to bolster capacity, exchange knowledge, and facilitate information sharing to address these challenges using current research as well as widely accepted best practices beyond disciplines. This year, one main focus is on ecohydraulics — an interdisciplinary field merging aquatic ecology and fluid mechanics.

CONFERENCE VENUE	CONFERENCE LANGUAGE
Messezentrum Salzburg Am Messezentrum 1 5020 Salzburg / Austria	English

AFTERNOON EVENT

On Thursday, 21 March 2024, starting at 4:30 p.m., all conference participants are invited to a get-together at RENEXPO® INTERHYDRO´s afternoon event.

IN COOPERATION WITH



CONFERENCE TICKET

Participation	Single ticket*
Non-members of vgbe or VÖU	€ 380.--
Members of vgbe or VÖU	€ 300.--
Universities, Authorities	€ 200.--

*Participation fee plus Austrian VAT.

The participation fees include the conference presentations (after the conference), coffee breaks, lunch, participation in the afternoon event and a two-day ticket to the trade fair RENEXPO® INTERHYDRO.

Austrian VAT will be shown in the invoice.

ONLINE REGISTRATION

All participants of the conference are requested to register online. It is not possible to accept credit cards or currency at the conference office.

<https://t1p.de/RME2024>

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Have direct access
to the event [website](https://t1p.de/RME2024).

CONFERENCE OFFICE

On March 21st the conference office will be open starting from 09:15 a.m.

PRIVACY POLICY & GENERAL TERMS

Detailed information on data protection as well as the general terms and conditions can be found at: <https://t1p.de/vgbe-vsAGBen>

Preliminary Programme

CET	21 MARCH 2024
10:15	Welcome and opening of the Expert Event <i>L. Estrellado, vgbe energy and M. Schönberg, VÖU</i>
10:30	SESSION 1 Lecture 1 EU Nature Restoration Law and its Implications on Nature and Hydropower <i>C. Cudlik, Schoenherr Attorneys at Law</i> Lecture 2 The Living Planet Index (LPI) for migratory freshwater fish <i>L. G. M. Silva, ETH Zürich</i> Lecture 3 IEA Hydro Annex XIII: Roadmap for Best Practice Management for Hydropower and Fish <i>M. Szabo-Meszaros, SINTEF Energy Research & Budapest University of Technology and Economics</i>
12:00	Lunch break and visit to trade fair
14:00	SESSION 2 Lecture 4 Environmentally Sustainable Hydropower: Strategies for Impact Mitigation <i>I. Boavida, CERIS, Instituto Superior Técnico, University of Lisbon</i> Lecture 5 Enabling automated environmental compliance monitoring for hydropower <i>J. Tuhtan, Tallinn University of Technology</i> Lecture 6 Implementation of ecological measures <i>J. M. Oliveira, EDP - Energias de Portugal</i> Lecture 7 Data-based assessment of fish passage conditions in operating turbines <i>P. Romero-Gomez, ANDRITZ Hydro GmbH</i>
16:00	Q&A and closing words
16:30	Start of RENEXPO®'s afternoon event

CET	22 MARCH 2024
9:00	Welcome <i>L. Estrellado, vgbe energy and M. Schönberg, VÖU</i>
9:15	SESSION 3 Lecture 8 EcoAdvance - Freshwater Ecosystem Restoration <i>L. Waldenberger, BOKU</i> Lecture 9 Early warning system for salmon smolts in the river Meuse - Development and evaluation <i>J. H. Kemper, VisAdvies</i> Lecture 10 Ecosystem protection: Innovations in design <i>N.N., Voith</i>
10:45	Coffee break
11:15	SESSION 4 Lecture 11 Jet-like flows in a vegetated sea and river current <i>M. Mossa, Politecnico di Bari, DICATECh</i> Lecture 12 Numerical modelling as a planning instrument for ecohydraulics measures - opportunities and challenges <i>C. Dorfmann, flow engineering</i> Lecture 13 Multi-scale research for sustainable hydropeaking management <i>D. S. Hayes, BOKU</i>
12:45	Closing words <i>L. Estrellado, vgbe energy and M. Schönberg, VÖU</i>

CET	22 MARCH 2024
13:00	Opportunity to visit the trade fair
15:00	End of RENEXPO® INTERHYDRO



<https://www.renexpo-interhydro.eu/en/>

vgbe energy | Hydro Power
Essen, January 2024



be informed www.vgbe.energy