

## 31<sup>st</sup> EWG-IE meeting

(European Club Working Group on Internal Erosion in Embankment Dams,  
Dikes and Levees and their Foundation)

and

## 6<sup>th</sup> EWG-OOE meeting

(European Club Working Group on Overflow and Overtopping Erosion)



*Cathedral of Saints Peter and Paul*



*Brno University of Technology, faculty of Civil Engineering*

**23-28 June 2025**

**Brno University of Technology  
Czech Republic”  
FIRST ANNOUNCEMENT**

## **WELCOME**

The Department of Water Structures, Faculty of Civil Engineering (FCE), Brno University of Technology (BUT) is organizing the 31<sup>st</sup> workshop EWG-IE (internal erosion) and the 6<sup>th</sup> workshop EWG-OOE (dam overtopping), which will take place at the FCE BUT in Brno. The event follows similar sessions in Bologna in September 2024. The aim of the workshops is to share the latest knowledge in the issue of failure of hydraulic structures by internal erosion and overtopping. The workshop is intended for the general water management public, namely for professionals involved in the design, management, technical safety supervision and research of dams.

## **VENUE**

The meeting will be held in Brno, the Czech Republic's second-largest city, known for its vibrant mix of history, technology, and culture. A hub for innovation, Brno hosts several prestigious universities, including Brno University of Technology (BUT). While in Brno, visitors can explore historical landmarks such as Špilberk Castle, Villa Tugendhat and other monuments.

## **WORKSHOP SESSIONS**

Consistent with the traditional aims of EWG-IE and EWG-OOE, the main session themes are:

### **EWG-IE:**

- Internal erosion mechanisms
- Laboratory research, experiments
- Numerical modelling
- Monitoring and field cases
- Further topics.

### **EWG-OOE :**

- Mechanisms of dam failures due to overtopping
- Damage and collapse of spillways during extreme floods
- Laboratory research, experiments
- Numerical modelling
- Case studies
- Rehabilitation and reconstructions
- Other related topics

## CALL FOR CONTRIBUTIONS

The extent of the contributions is not strictly limited, however it is strongly recommended to send papers/extended abstracts between 2 and 10 pages A5 format. The guidance and the template is located at the web pages of the events. The contributions will be published in the printed black and white proceedings and in colour version at the www pages of the events.

## REGISTRATION

Participants will register online. Registration fees include an entrance to all events during the workshops, except of optional technical tour on Saturday 28 June. The entrance conditions for those who will participate only at EWG-IE or EWG-OOE will be specified soon.

## PROGRAM

Sunday	22/6	Registration
Monday	23/6	Registration <b>EWG-IE</b> workshop
Tuesday	24/6	<b>EWG-IE</b> workshop
Wednesday	25/6	<b>EWG-IE / Technical visits:</b> Hydraulic Laboratory of the department, Brno dam, boat trip to Veverí castle
Thursday	26/6	<b>EWG-OOE</b> workshop
Friday	27/6	<b>EWG-OOE</b> workshop
Saturday	28/6	<b>Optional technical visit:</b> Historical site of collapsed Bílá Desná Dam (1916), the Souš dam, Prague, back to Brno

## IMPORTANT DATES

Abstract/paper submission: **15<sup>th</sup> February 2025**

Notification of abstract/paper acceptance: **30<sup>th</sup> March 2025**

Deadline for revised full paper submission: **20<sup>th</sup> April 2025**

End of early-bird registration: **15<sup>th</sup> February 2025**

Deadline for early bird payment: **30<sup>th</sup> March 2025**

## TECHNICAL VISITS

As part of the conference, participants will have the unique opportunity to visit the Laboratory of water research, located in the historical buildings of the Faculty of Civil Engineering at Brno University of Technology. The technical visit will also include a visit to the Brno Dam, featuring a boat trip that allows you to experience the scenic beauty of the surroundings from the water and visiting of the Veveří castle, which is one of the largest and oldest castle complexes not only in Moravia but also in the whole Czechia.



*Laboratory of water research*



*Brno dam*



*Boat trip on Brno reservoir*



*Veveří castle*

## OPTIONAL TECHNICAL TOUR

The optional technical tour will feature the Bílá Desná Dam, which collapsed in 1916 due to internal erosion. The second visited dam will be the Souš dam.



*Bílá Desná dam*



*Souš dam*

## **SCIENTIFIC COMMITTEE OF THE 31st EWG-IE MEETING**

- **Stéphane Bonelli, France (Chair)**
- Vera Van Beek, the Netherlands
- Jonathan Fannin, Canada
- Rodney Bridle, United Kingdom
- Henk van Hemert, the Netherlands
- Didier Marot, France
- Eric Vincens, France
- Bryant Robbins, United States
- Akihiro Takahashi, Japan
- Laura Tonni, Italy
- Michela Marchi, Italy
- Agnieszka Dąbska, Poland
- Jaromir Riha, Czechia

## **SCIENTIFIC COMMITTEE OF THE 6th EWG-OOE MEETING**

- **Jean-Robert Courivaud, France (Chair)**
- Benoît Blancher, France
- Stéphane Bonelli, France
- Myron van Damme, The Netherlands
- Mike George, United States
- Mark Morris, United Kingdom and France
- Rafael Moran, Spain
- Miguel Angel Toledo, Spain
- Michela Marchi, Italy
- Bryant Robbins, United States
- Stanislav Kotaška, Czechia

## **LOCAL ORGANIZING COMMITTEE**

- Jaromír Říha (Chair)
- Stanislav Kotaška (Secretary)
- Tomáš Julínek
- David Duchan
- Jiří Skokan
- Veronika Chrástová
- Krystýna Okárníková
- Vojtěch Vachta

## **ADDRESS OF THE ORGANIZING COMMITTEE**

**Department of Hydraulic Structures**

**Faculty of Civil Engineering**

**Brno University of Technology**

Veveří 331/95, 602 00, Brno, Czech Republic

ph.: +420 5411147755

**Contact address:** ewgieooe2024@gmail.com

**Meeting website:** ewg.fce.vutbr.cz