

Sunday 22.6.2025		
17:00 - 20:00	Registration EWGIE, Ice breaker	BUT FCE, Veveří 95, Brno
Monday 23.6.2025		
8:00 - 9:00	Registration EWGIE	BUT FCE, Veveří 95, Brno
9:00 -9:30	Opening session EWG-IE	
9:00	Jaromír Říha	Organizing Committee, Brno Universtity of Technology, Faculty of Civil Engineering, Czech Republic
9:15	Stéphane Bonelli	Chair of EWG-IE, INRAE, France
9:30 -11:50	Internal erosion mechanisms, conceptual approaches, criteria	
	chairman: Jonathan Fannin, Didier Marot	
9:30	Vera van Beek, J.C. Pol, E. Rosenbrand, H. van Hemert	A conceptual framework for assessing 3D effects for backward erosion piping
9:50	Lisa van der Linde, M.P. Fransen, Portillo Arreguín, Vera van Beek	Proposal for a digital twin for backward erosion piping experiments
10:10	Coffee break	
10:30	Agnieszka Dąbska, B. Bednarz, K. Borzyński, K. Kawczyński	Permeability Coefficient as an Alternative Factor for Determining the Susceptibility of Soil to Hydraulic Heave and its Critical Hydraulic Gradient
10:50	Alla Demianiuk, A. Rutkowska	Application of the Peak Over Threshold method and the Generalized Pareto Distribution in the estimation of extreme hydraulic gradients in earth dam
11:10	Ali Abdallah, Eric Vincens, Hélène Magoariec, Christophe Picault	Filtration in granular materials: Opening Size of Granular Filters with Non-Spherical Particles
11:30	Discussion	
11:50	Lunch	
13:00 -15:00	Internal erosion mechanisms, conceptual approaches, criteria	
	chairman: Vera van Beek, Michela Marchi	
13:00	Stéphane Bonelli	R&D projects
13:20	Didier Marot	Prospective study of the effect of specimen dimensions and hydraulic loading paths on suffusion
13:40	Marco A. G. Conte, J. Côté, J.M. Konrad	Development of a new criterion for suffusion in low-plasticity tills
14:00	Sam Safavian	Evaluation of Internal Erosion of Tailngs Dams Using Event Tree Approach
14:20	Discussion	
14:35	Coffee break	
15:00 - 16:40	Laboratory research and interpretation	
15:00	Ngoc-Son Nguyen	Consequences of scalping and scalping/replacement procedures in the laboratory testing
15:20	Ganapathiraman Vinoth	Laboratory investigation of Suffusion and Suffosion in widely graded soils
15:40	Shadi Youssef	Effect of sample preparation methodology on erosion of cohesive soils using HET
16:00	Bikram Oli et al.	Combined effect of complex stress states and microstructure on suffusion parameters
16:20	Discussion	
18:30	Walking tour to the Brno city center	Meeting in front of the Continental hotel
Tuesday 24.6.2025		
31th EWG-IE Meetings		
8:50 -9:50	Laboratory research and interpretation	
	chairman: Eric Vincenc, Stéphane Bonelli	
8:50	Alessandro Rosso, M. Gardella, A. Bassi, L. Crose	Animal burrows, a new challenge for levees
9:10	Elena Dodaro et al.	Setting up a full-scale physical model for backward erosion piping investigation
9:30	Didier Marot, L. Guihéneuf, R. Gelet, J.R. Courivaud	Jet erosion tests and suffusion tests: energy-based method and responses to engineers’ requests
9:50	Coffee break	
10:20 -11:30	Numerical modelling	
10:20	Lisa van der Linde et al.	Proposal for a new numerical model backward erosion piping
10:40	Juraj Škvarka	Assessment of Internal Erosion Risk in the Subsoil of Danube Levees: Insights from a Slovak Case Study
11:00	Discussion	
11:30	Lunch	
12:30 -15:10	Case studies	
	chairman: Agnieszka Dabska, Henk van Hemert	
12:30	Michela Marchi	The Response of the River Embankment Systems of the Emilia-Romagna Basins to May 2023 Extensive Floods
12:50	Hugo Longtin	Case Study of Internal Erosion Assessment of a Dike Foundation as a Preliminary Diagnostic Phase
13:10	Wafo Fogueng, Laurence Girolami, Stéphane Bonelli, Corinne Curt	Determination of the geometry of the paleovalley of a river dike using geophysical methods
13:30	Jaromír Říha, Stanislav Kotaška	History of the Bílá Desná dam failure
13:50	Coffee break	
14:20	Edina Koch	Underseepage analysis on the Little Hungarian Plain
14:40	Maxime Boucher , Cyril Guidoux, Jean-Robert Courivaud	Quantification of the Velocity of Leaking Flows through a Hydraulic Structure thanks to internal thermal mapping along the Rhine River
15:00	Discussion	
15:50	Optional visit to historical water tanks - 30 min walk	More detailed information will be provided

Wednesday 25.6.2025		31th EWG-IE & 6th EWG-OOE Meetings
8:00 - 9:00	Registration EWG-OOE	BUT FCE, Veveří 95, Brno
8:30-9:10	Field applications	
	chairman: Jaromír Říha, Jean-Robert Courivaud	
8:30	André Koelewijn	Second field application of the coarse sand barrier at the city of Tiel
8:50	Johan Lagerlund	Dismantling a 4 m high experimental rockfill dam after four years of operation
9:10-9:35	Discussion, concluding remarks by Stéphane Bonelli on EWGIE workshop	
9:35-9:45	André Koelewijn	Announcement for the EWGIE and EWGOOE workshops 2026
9:45-10:20	Opening session EWG-OOE	
	chairman: Jaromír Říha, Jean-Robert Courivaud	
9:45	Jaromír Říha	Organizing Committee, Brno Universtity of Technology, Faculty of Civil Engineering, D28
10:05	Jean-Robert Courivaud	Chair of EWG-OOE, EDF, France
10:25	Coffee break	
10:45-21:00	Technical and social afternoon	
10:45	Technical visit - Hydraulic and Geotechnic Lab FCE BUT	
12:20	Lunch	
13:15	Transfer by bus	Meeting at Žižkova street
14:00	Technical visit - Brno dam	Meeting at the dam
15:30	Transfer by boat on the Brno reservoir	Meeting at the port
17:00	Visit of the Veveří castle	
18:30	Buffet dinner	
21:00	Transfer by bus back to Brno	
22:00	Optional fireworks, on private basis	Exit from the bus at the port
Thursday 26.6.2025		6th EWG-OOE Meetings
9:10 -12:00	Conceptual approaches	
	chairman: Mark Morris, Miguel Ángel Toledo	
9:10	Filmon T. Gebremariam	Overtopping-Induced Breaching Characteristics of Geomembrane-faced Rockfill Dam models
9:30	Michael George, G.W. Annandale	Advancements in modeling the time-rate of rock scour for dams and spillways with the Erodibility Index Method
9:50	Myron van Damme	Bonsai project - actions, collaboration
10:10	Coffee break	
10:40	Nima Kafashan	Embankment Dam Overtopping: An Event Tree Analysis Under Extreme Weather Events
11:00	André Koelewijn	Combined influence of animal burrows and overflow/overtopping on levee safety
11:20	Discussion	
11:50	Lunch	
13:00 -16:30	Case studies, modelling	
	chairman: Benoît Blancher, Rafael Morán	
13:00	Stanislav Kotaška	Estimation of the dam breach hydrograph of the Bílá Desná with different numerical models
13:20	André van Hoven	Case study damaged clay levees by overtopping 1953
13:40	Federica Bertola	Nine years of erosion testing on a lime-treated levee
14:00	Coffee break	
14:40	Myron van Damme	Modelling wave overtopping erosion
15:00	Michael Gardner	Capturing Kinematics in Numerical Simulations of Hydraulic Plucking in Fractured Rock
15:20	Sébastien Derrien	Experimental study of plunge pool below the Nam Pha bottom outlet
15:40	E.F.R. Bollaert	Numerical tools for Assessment of Rock Scour by Overtopping Jets
16:00	Discussion	
18:00	Walking tour to the Brno city center	Meeting in front of the Continental hotel
Friday 27.6.2025		6th EWG-OOE Meetings
9:00 -11:50	Experimental research, modelling	
	chairman: Myron van Damme, Stanislav Kotaška	
9:00	Kristof Verelst	Design of temporary in-situ overflow test facility at Vlassenbroek in Belgium
9:20	Jean-Robert Courivaud	The OVERCOME project: overall progress.
10:00	Mark Morris	Research priorities and collaboration
10:20	Coffee break	
10:50	Discussion	
11:10	Concluding remarks by Jean-Robert Courivaud	
11:50	Lunch	