

3rd International Workshop on Long-Term Behaviour and Environmentally Friendly Rehabilitation Technologies of Dams

Hohai University, Nanjing, October 17-19, 2015

Invitation

The 3rd International Workshop on Long-Term Behaviour and Environmentally Friendly Rehabilitation Technologies of Dams (**LTBD2015**) is a non-profit event without registration fee and will be held from **17th -19th October 2015 at Hohai University in Nanjing, China**. The meeting will provide an excellent opportunity for high level scientists, engineers, operators and young PhD students to present and exchange their experiences and the latest developments related to the design, performance rehabilitation and environmental aspects of earth, rockfill and concrete dams.

Topics of the Workshop

- Methods of Design and Analysis of Dams
- Dam Monitoring and Instrumentation
- Time Dependent Properties of Construction Materials for Dams and their Constitutive Modelling
- Internal Erosion and Interface Problems
- Dam Foundation and Structure Interactions
- Seismic Aspects and Earthquake Analysis
- Safety Assessment
- Environmental Issues
- Operation and Dam Maintenance
- Rehabilitation

Organizing Committee

The **LTBD2015** Workshop is hosted by

- Hohai University
- Nanjing Hydraulic Research Institute
- Editorial Office of Water Science and Engineering

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Keynote Lectures

Eduardo ALONSO (Universidad Politécnica de Catalunya, Spain)
Rapid drawdown and landslides

Erich BAUER (Graz University of Technology, Austria)
Comparison of the calibration and performance of two different constitutive models for rockfill material

Shengshui CHEN (Nanjing Hydraulic Research Institute, China)
Seismic responses of high concrete face rockfill dams: a case study

Pierre-Yves HICHER (Ecole Centrale de Nantes, France)
Modeling Erosion-induced Deformations in non-Cohesive Soils

Feng JIN (Tsinghua University, China)
Behaviour of rock-filled concrete dams

Sihong LIU (Hohai University, China)
Microstructure-based constitutive model for granular materials and its application to rockfill dams

Martin WIELAND (Poyry Switzerland Ltd., Switzerland)
Safety Aspects of sustainable storage dams and earthquake safety of existing dams

Feng ZHANG (Nagoya Institute of Technology, Japan)
Unified description of clean sand

Call for Abstracts

Participants intending to give a talk or to present a poster are invited to submit a one page abstract in English. The abstract should clearly state the purpose, the results and the conclusions of the contribution. Abstracts including the complete title of the contribution, full name of the authors (in the order: first name, surname), institution / department / division, full mailing address and e-mail address should be submitted as a WORD document to the conference secretary:

LTBD2015@gmail.com

Deadline for submission of abstracts: **31th July 2015**