

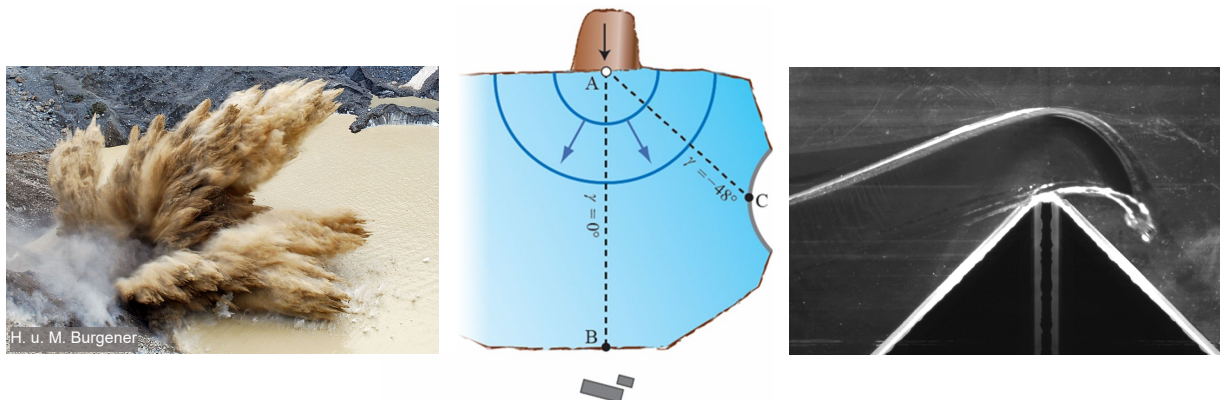


International Workshop on

# Landslide-generated Impulse Waves in Reservoirs

November 25, 2019

DETEC Campus (SFOE), Room 1.00.082, Mühlestrasse 2, 3063 Ittigen, Switzerland



## Workshop program

- 09:30 Welcome address, *Rocco Panduri (SFOE), Laurent Mouvet (SwissCOD)*
- 09:40 Impulse waves and dam safety, *Georges Darbre (Dam Safety Consultant, formerly SFOE)*
- 10:00 Overview: New impulse wave manual, *Robert Boes (VAW)*
- 10:20 Slide velocity estimation, *Philipp Oberender (SFOE)*
- 10:40 Coffee break
- 11:00 Step 1: Computation procedure, *Frederic Evers (VAW)*
- 11:40 Example 1: Application of Step 1 (spreadsheet exercise), *Helge Fuchs (VAW)*
- 12:10 Step 2 – Part 1: Water body geometry and edge waves, *Valentin Heller (U. of Nottingham)*
- 12:30 Lunch Break
- 14:00 Step 2 – Part 2: Slide types and deposits, Sensitivity, *Valentin Heller (U. of Nottingham)*
- 14:20 Example 2: Application of Step 2, *Helge Fuchs (VAW)*
- 14:40 Case study 1: Impulse wave events at prototype scale, *Frederic Evers (VAW)*
- 15:00 Case study 2: Physical modelling – Kühtai reservoir (AT), *Helge Fuchs (VAW)*
- 15:20 Coffee break
- 15:40 Numerical modelling – Overview, *Valentin Heller (U. of Nottingham)*
- 16:00 Case study 3: Numerical modelling, *Patrick Riesen (Axpo Power AG)*
- 16:20 Sum up, outlook and questions, *Robert Boes (VAW), Rocco Panduri (SFOE)*
- 17:00 End of workshop

Registration via [www.swissdams.ch](http://www.swissdams.ch) until October 15, 120 CHF (80 CHF for students)

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