



# 17th ICOLD International Benchmark Workshop on Numerical Analysis of Dams 9th - 12th April 2025 Sofia, Bulgaria

## 17th ICOLD International Benchmark Workshop on Numerical Analysis of Dams Sofia, Bulgaria

9th - 12th April 2025

The flyer contains the following information:

- Venue:** The 17th ICOLD Benchmark Workshop on Numerical Analysis of Dams will be held in the city of Sofia, the capital of Bulgaria.
- General Organizer:** ICOLD Technical Committee A on "Computational Aspects of Analysis and Design of Dams"
- Chairman:** MAZZA, Guido (Italy)
- Vice-Chairman:** ZENZ, Gerald (Austria)
- Benchmark topics:**
  - Theme A:** Three-dimensional seismic analysis of Tsankov Kamak Dam (double curvature arch dam). Formulators: UACEG (Bulgaria); RSE (Italy)
  - Theme B:** Simulation of the transient first impoundment of Plovdivtzi embankment dam. Formulators: UACEG (Bulgaria); Stucky (Switzerland)
  - Theme C:** Behaviour of a 210m high CFRD – calibration and prediction. Formulators: Artelia (France)
  - Open Theme:** Papers related to numerical modelling of dams and/or appurtenant structures.
- Technical Advisory Team:** A list of 25 members from various countries including Argentina, Austria, Australia, Brazil, Bulgaria, Canada, Czech Republic, Egypt, France, Germany, Greece, Iran, Italy, Japan, Korea, Macedonia, Poland, Slovakia, Slovenia, Spain, South Africa, Sri Lanka, Sweden, Switzerland, United Kingdom, United States of America, and Honorary Members.
- Local organizing committee (LOC):** SUNCOLD – Bulgarian Committee on Large Dams, with members O. Kisilakov, T. Cholakov, P. Nikiforov, V. Anastasov.
- Information:** [buncold@uacg.bg](mailto:buncold@uacg.bg)

### Venue

The 17th ICOLD Benchmark Workshop on Numerical Analysis of Dams will be held in the city of Sofia, the capital of Bulgaria.

### General Organizer

ICOLD Technical Committee A on "Computational Aspects of Analysis and Design of Dams"

Chairman MAZZA', Guido Italy

Vice-Chairman ZENZ, Gerald Austria

### Benchmark topics

Theme A:

Three-dimensional seismic analysis of Tsankov Kamak Dam (double curvature arch dam). Formulators: UACEG (Bulgaria); RSE (Italy)

Theme B: Simulation of the transient first impoundment of Plovdivtzi embankment dam. Formulators: UACEG (Bulgaria); Stucky (Switzerland)

Theme C: Behaviour of a 210m high CFRD – calibration and prediction. Formulators: Artelia (France) Open Theme: Papers related to numerical modelling of dams and/or appurtenant structures.

Updated information soon on the homepage:

