

ANNUAL COMMITTEE REPORT

Committee Name: ICOLD Congress Papers Committee

Submitted by: Arun Parsons

Report Date: 3/24/2022

Committee Mission/Purpose

Advocate

Communicate with committee members about relevant outreach information and activities.

Educate

Publish technical papers within ICOLD Congress proceedings and enable presentations by USSD members.

Collaborate

Collaboration within USSD to generate more USSD papers in the ICOLD Congress proceedings. Strategically collaborate with ICOLD.

Cultivate

Improve ICOLD Congress Papers Committee operations.

2021 Goals/Accomplishments

Goals:

1. Facilitate timely submittal of high-quality technical papers to ICOLD for the 2021 Congress.
2. Support coordination between ICOLD panelists and USSD authors during the selection process and in preparation for attendance and presentation.

Accomplishments:

We have successfully submitted 8 papers to ICOLD of which 7 have been selected for publication and presentation, as listed below. We will continue to support coordination ahead of the 2022 ICOLD Congress in Marseilles (2021 was cancelled).

Question 104: Concrete Dam Design Innovation and Performance

- Earthquake Engineering for Concrete Arch Dams (Anil K. Chopra)

Question 105: Incidents and Accidents Concerning Dams

- Rapid Inundation Mapping (Whitney Sorrels, P.E.)
- A Decade of Learning from our Past and Preparing for our Future: The Dam Failures and Incidents Committee (Lee Mauney, P.E., CFM)
- Dam Resiliency is More Than Just Dam Safety (William Foos, CPP, PSP)
- A review of Recent Dam Failures in the U.S. and the Anticipated Impact if Implementation of Risk Informed Decision Making (Dean Durkee, Ph.D., P.E.)
- USACE's MMC Processes and Procedures for Dam Breach Analysis (Wesley Crosby, P.E.)



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Question 107: Dams and Climate Change

- Challenges in Estimating Inflow Design Flows in a Changing Climate (Carmen Bernedo-Sanchez, P.E., D.WRE)

2022 Goals

- Support coordination between authors, presenters and ICOLD panelists ahead of the 2022 ICOLD Congress in Marseilles
- Re-establish consistent committee meetings and prepare for next ICOLD Congress submissions.

What do you need to accomplish your 2022 goals?

Nothing additional