

BOARD REPORT

Committee Name: Concrete Dams
Submitted by: Jerzy Salamon, jsalamon@usbr.gov
Report Date: April 30, 2021
Member Count: 43



Committee Mission/Purpose

The USSD Committee on Concrete Dams (Committee) collaborates and/or assists with other USSD committees in developing and promoting education and training activities under the four imperatives of the USSD Strategic Plan: Advocate, Educate, Collaborate, and Cultivate. The Committee mission is defined in the Committee Charter 2018-2021.

The Committee concentrates its activities on examining the technologies used in the evaluation, design and construction of new concrete dams and modifications of existing dams.

The Committee supports the International Commission on Large Dams (ICOLD) Technical Committee on Concrete Dams, by active participation in international level on studies, sharing state-of-the-practice experience, organization of technical events, and authorship/review of technical publications related to the design and construction of concrete dams.

2020 Goals/Accomplishments

- Supported organization of the 2020 USSD Conference.
- Continue with the work on developing two White Papers.
- Members of the Committee involved in publication of the 15th ICOLD International Benchmark Workshop on Numerical Analysis of Dams proceeding, <https://www.springer.com/gp/book/9783030510848>
- Committee contributed to ICOLD Bulletin on *Expansive Chemical Reaction Problems in Concrete Dams*.

2021 Goals

- Update the Committee Charter for 2021-2024.
- Elect new YP Chair and Vice Chair with the intent to engage more committee members.
- Support organization of the 2022 USSD Conference.
- Offer workshops during 2022 USSD Conference on *Dam Raises or/and Dams Affected by ASR*
- Committee members will continue supporting ICOLD subcommittees preparing a bulletin on *Arch Dams Design Methodologies and Criteria* and a bulletin on *Ageing Dams*.
- Two Committee members are preparing a general report on Question 104 *Concrete Dam Design Innovation and Performance* for the 2021 ICOLD Congress, Marseille, France.
- Subcommittee on “*Concrete Dam Raises*” is tasked with developing an USSD White Paper on *Concrete Dam Raises in the United States*. The planned completion of the document is April 2022.
- Subcommittee on “*Seismic Analysis of Concrete Dams*” was formed on June 3, 2019 to develop a White Paper summarizing the outcomes from four workshops organized during the USSD conferences since 2016 and the 15th ICOLD Benchmark Workshop. The planned completion of the document is April 2022.
- Additional goals for 2021/22 will be formulated during the Committee meeting on May 3, 2021.

What do you need to accomplish your 2021 goals?
