

BOARD REPORT

Committee Name:

Submitted by:

Report Date:

Committee Mission/Purpose

The Committee on Dam Safety (CODS) is one of the longest standing committees of USSD. The CODS assists USSD in developing programs and tools which gather and disseminate dam safety information and coordinates training for USSD members and dam safety professionals. Furthermore, CODS provides USSD guidance on the country's national dam safety programs to assist in forming International guidance and information sharing through the International Commission on Large Dams (ICOLD).

The following goals are provided to help focus the CODS and associated Sub-Committee's efforts.

- Promote and advance State-of-the-Practice in Dam Safety by developing white papers, fact sheets, and other training materials that will provide USSD members the ability to remain at forefront of the dam safety industry;
- Identify emerging issues and develop guidance on specific dam safety issues;
- Collaborate with other Technical Committees to identify knowledge gaps, develop specialized training, and provide expertise;
- Leverage CODS leadership and their extensive professional network to engage new federal, state, or local agencies in CODS activities and/or work products and to educate the public and decision makers.

2020 Goals/Accomplishments

USSD CODS has been working with ICOLD CODS on a bulletin entitled "Current State-of-Practice in Risk-informed Decision-making for the Safety of Dams and Levees". USSD CODS coordinated the U.S. response to a two-part survey sent for used in development of the bulletin. Responses were provided by U.S. Federal agencies (Reclamation, FERC, USACE) and the State of Colorado. The Bulletin "Current State-of-Practice in Risk-informed Decision-making for the Safety of Dams and Levees" was accepted for publication at the ICOLD virtual General Assembly on 30th November 2020. The Bulletin is available as Bulletin 189 (pre-print form) from the ICOLD website.

Committee member, Robin Charlwood, continued work with the ICOLD CODS on development of a Bulletin entitled "*ICOLD Bulletin on Dam Safety – Dam Safety Concepts, Principles and Framework*" for both developing and developed countries. The guidance is intended for a diverse audience ranging from government policy-makers, regulatory authorities, dam developers and their consultants, to members of the public who are interested in dams and are seeking an understanding of the essence of dam safety.

The overall intent of the Dam Safety guidance documents is to advise how dam safety can be achieved through all phases of a dam's life and within a range of different ownership and regulatory environments. The guidance documentation is divided into three parts. Part 1, "Concepts,

BOARD REPORT

Committee Name:

Submitted by:

Report Date:

Principles and Framework” is moving through the process of being finalized. Part 2, related to the role of governments has been drafted and is under review at ICOLDS, while Part 3, related to the role of owners, is under development.

2021 Goals

Significant CODS Committee goals for 2021 include:

- Formation and initiation of activities for the Dam Incidents sub-committee. Activities include, collecting comprehensive information related to new dam safety incidents in U.S., providing periodic dam safety incident updates to ICOLD, providing resources to inform investigations of dam safety incidents, etc.
- Continue coordination and collaboration with other USSD Committees in the development and presentation of critical training related to risk informed Dam Safety activities and processes.

As always, the CODS Committee welcomes new members participation and assistance in any of the Committee and Sub-Committee activities.



BOARD REPORT

Committee Name:

Submitted by:

Report Date:

What do you need to accomplish your 2021 goals?
