



Committee H Workshop: Safety of Dams Agenda Item 2

Status Report on ICOLD Bulletins for Dam Safety

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Background

- COPS developed & ICOLD published B154 in 2017 and B175 in 2021
 - B154 Dam safety management: Operational phase of the dam life cycle
 - B175 Dam Safety Management: Pre- operational Phases of the Dam Life Cycle
- In 2013 Generic Dam Safety Guidelines for Eastern Nile via World Bank
- In 2014 received many requests from developing countries for copies
- ENTRO and WB agreed to make available free
- Then proposed that is peer reviewed and published by ICOLD
- Agreed at ICOLD Johannesburg in 2016
- Prepared “Generic Reference Guidelines” for ICOLD review 2017
- Feedback in 2017 & 2019
- Discussed at ICOLD Ottawa in 2019 – MAJOR ISSUES !!!

Issues from ICOLD Ottawa 2019 CODS Mtg

- Accepted that there is an urgent need for Dam Safety Guidelines that could be made available to developing countries
- Accepted that B 154 and 175 were not suitable as operational guidelines and that more “operational” guidelines were required
- Concern that Generic Guidelines were too prescriptive and could cause problems for countries with existing regulations and guidelines
- Some criticized for lack of framework....
- Criticized by some for being too heavily based on US PFMA process
- ICOLD not comfortable with publishing a private sector document

WE GOT THE MESSAGE !!!

New plan in Sept 2019

Proposed and COPS accepted new three-part series:

- B1: DAM SAFETY CONCEPTS, PRINCIPLES AND FRAMEWORK
- B2: DAM SAFETY GOVERNANCE CONSIDERATIONS
- B3: OWNERS DAM SAFETY MANAGEMENT

Basis of New Bulletins

- The Bulletins will provide guidance on how countries and owners can **THEMSELVES** develop new regulations and guidelines or review and improve existing ones.
- The guidance is not prescriptive, but provides dam owners with options to choose from as best suits their circumstances
- The guidance by project phase over the whole life-cycle
- Works within the full spectrum of governance frameworks as identified by the World Bank Report.
- The Bulletins build on existing ICOLD CODS Bulletins B130, B154 and B175 and other resources

Current status of ICOLD CODS Bulletins

ICOLD Bulletins for Dam Safety Approved in 2021

- B1: DAM SAFETY CONCEPTS, PRINCIPLES AND FRAMEWORK – Bulletin 191 Pre-Print
- B2: DAM SAFETY GOVERNANCE CONSIDERATIONS – Bulletin 192 Pre-Print

Now planning for next bulletin in this series

- B3: OWNERS DAM SAFETY MANAGEMENT

Presentations to follow:

ICOLD Bulletins for Dam Safety Approved in 2021

- B1: DAM SAFETY CONCEPTS, PRINCIPLES AND FRAMEWORK
– Dr Des Hartford, Canada
- B2: DAM SAFETY GOVERNANCE CONSIDERATIONS
– Satoru Ueda & Marcus Wishart, World Bank,
John Pisaniello, U South Australia

Planning for the next bulletin in this series

- B3: OWNERS DAM SAFETY MANAGEMENT
– Dr Robin Charlwood, USA & Des Hartford, Canada