

**ICOLD Technical Committee LE**  
**ICOLD 2023 Dissemination Workshop**  
**Bulletins on dams-levees comparison – Position paper on levees**  
**June 11, 2023, 8:00-10:00, Gothenburg, Sweden**

Welcome by TC LE Chair and Vice Chair

Quick self-introduction of participants

1. Presentation of the objective of these bulletins, the process so far, and the planned process in view of their approval by ICOLD 2024 General Assembly
2. Presentation of the table of content of the 3 bulletins
3. Getting feedback from the audience on the objective and contents
  - Comparison of dams and levees: General concepts
  - Comparison of dams and levees: Design and construction
  - Comparison of dams and levees: Management aspects
4. Zoom on specific issues: presentation on the bulletins content and getting feedback
5. A position paper on levees: presentation of the objective and content, getting feedback from the audience

Closing by TC LE Chair and Vice Chair

**ICOLD Technical Committee LE**  
**ICOLD 2023 Technical Knowledge Exchange Workshop**  
**June 11, 2023, 10:30-12:30, Gothenburg, Sweden**

Welcome by TC LE Chair and Vice Chair (5 min)

Presentations 10:35 – 12:20 pm (each presentation is 15 min including time for discussion)

1. Dr. Rikard Hellgren, Sweden, SVENSKA KRAFTNÄT. "Swedish prerequisites for dams and levees, the Swedish dam safety regulations, the ongoing state-funded program for flood protection, and our view on regulatory issues regarding levees in Sweden" [Rikard.Hellgren@svk.se](mailto:Rikard.Hellgren@svk.se)
2. Jason Needham, USA, US Army Corps of Engineers "USACE partnerships" [Jason.T.Needham@usace.army.mil](mailto:Jason.T.Needham@usace.army.mil) and Noah Vroman, USA, US Army Corps of Engineers "USA National Levee Safety Guidelines" [Noah.D.Vroman@usace.army.mil](mailto:Noah.D.Vroman@usace.army.mil)
3. Meindert Van, Netherlands, Deltares. "Flood resilient landscapes" [Meindert.Van@deltares.nl](mailto:Meindert.Van@deltares.nl)
4. Dr. Kaley Crawford-Flett, New Zealand, University of Canterbury. "Recent major flood event in the Hawkes Bay region of New Zealand including many levee failures" [kaley.crawford-flett@canterbury.ac.nz](mailto:kaley.crawford-flett@canterbury.ac.nz)
5. Hirotoshi Mori, Japan, Yamaguchi University. "Development of river levee with endurance against overtopping in Japan" [mori@yamaguchi-u.ac.jp](mailto:mori@yamaguchi-u.ac.jp)
6. Angela McLean, Canada, Hatch. "CDA initiative on levees: • Brief summary of the CDA Dike Technical Committee mandate; • CDA Dike Committee initial findings; • General facts (number of dikes, typical design criteria, etc, in Canada); • Conditions in Canada that need to be considered (geography, hydrology, geological differences); • Current Regulations and Guidelines; • What is new in Canada" [angela.mclean@hatch.com](mailto:angela.mclean@hatch.com)
7. Dr. Yonghui Zhu, China, Director of the International Cooperation Department of the Changjiang River Scientific Research Institute, China. "Research on risks and countermeasures of levees in the Yangtze River" 朱勇辉 [zhuyh@mail.crsri.cn](mailto:zhuyh@mail.crsri.cn) 邬爱清 [wuaq@mail.crsri.cn](mailto:wuaq@mail.crsri.cn)

Short updates 12:20-12:30 (1-2 slides each, 5 min total)

- a. Marcel Bottema. RWS initiative to write an International Handbook on Emergency Management for Flood Defences
- b. Rémy Tourment, Guidance to repair and reinforce levees in France
- c. Meindert Van, ISSMGE TC201 activities (final Levees Failure paths report and starting Levee reinforcements initiative)

Closing by TC LE Chair and Vice Chair