

**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. Hirotohi 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