



COMMISSION INTERNATIONALE
DES GRANDS BARRAGES

INTERNATIONAL COMMISSION
ON LARGE DAMS

ICOLD – 3 min statement

Road map for action to strengthen mine tailings safety within &
beyond the United Nations Economic Commission for Europe region

Bureau of the Convention

Annika Bjelkevik, vice chair ICOLD Committee L

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ICOLD – statement

- Impressive work!
- ICOLD fully support this work
- ICOLD (Committee L) would like to contribute and be a part of this work on technical matters (i.e. technical aspects of tailings dam design, stability, risk assessment, operation and closure)

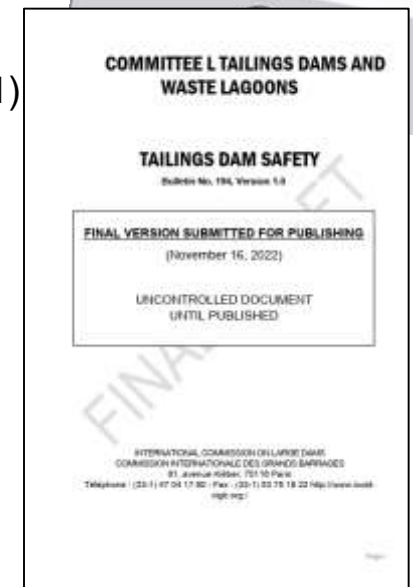
 AFGHANISTAN	 EGYPT	 MALAYSIA	 SRI LANKA
 ALBANIA	 ETHIOPIA	 MALI	 SUDAN
 ALGERIA	 FINLAND	 MEXICO	 SWEDEN
 ANGOLA	 FRANCE	 MONGOLIA	 SWITZERLAND
 ARGENTINA	 GEORGIA	 MOROCCO	 SYRIA
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 BURKINA FASO	 IRAN	 PAKISTAN	 UZBEKISTAN
 CAMEROON	 IRAQ	 PANAMA	 VENEZUELA
 CANADA	 IRELAND	 PARAGUAY	 VIETNAM
 CHILE	 ITALY	 PERU	 ZAMBIA
 CHINA	 JAPAN	 PHILIPPINES	 ZIMBABWE
 COLOMBIA	 KENYA	 POLAND	
 CONGO (DEM. REP. OF)	 KIRGHIZSTAN	 PORTUGAL	
 COSTA RICA	 KOREA (REP. OF)	 ROMANIA	
 COTE D'IVOIRE	 LAOS	 RUSSIA	
 CROATIA	 LATVIA	 SERBIA	
 CYPRUS	 LEBANON	 SLOVAKIA	
 CZECH REPUBLIC	 LESOTHO	 SLOVENIA	
 DENMARK	 LIBYA	 SOUTH AFRICA	
DOMINICAN REP.	LUXEMBURG	SPAIN	
	MADAGASCAR		

5 Key objectives:

- A. Understanding tailings management facility-related risks within and across national borders**
The New ICOLD Bulletin 194 – Tailings Dam Safety (Preprint available on ICOLDs webpage <https://www.icold-ciqb.org/>) Meeting 2023 in Gothenburg will include a 1 day short course on Risk Assessment - Current state of practice for tailing dams (<https://icold-ciqb2023.se/preliminary-program/short-courses/>)
- B. Addressing tailings management facility risks through policy and governance**
Covered by GISTM, MAC and others
- C. Prevention of and preparedness for accidental water pollution from tailing management facilities to ensure water quality**
ICOLD do not have specific focus on water, but on preventing any environmental pollution and prevention and preparedness is indirectly included in the new ICOLD Bulletin
- D. Prevention of natural hazard-triggered industrial accidents (Natech events) and adaption to climate change**
Hazard-triggered accidents is, within ICOLD, included in key objective A
- E. Exchange of information and knowledge and capacity-building**
Current focus of ICOLD (Committee L). Meeting 2023 in Gothenburg will include ½ day WS on Capacity Building (<https://icold-ciqb2023.se/preliminary-program/swedcold-workshops/>)




ICOLD Bulletins on Tailings Dams

- No. 45:** Manual on Tailings Dams and Dumps (1982)
- No. 74:** A Guide to Tailings Dam Safety (1989)
- No. 97:** Tailings Dams - Design of Drainage (1994)
- No. 98:** Tailings Dams and Seismicity (1995)
- No. 101:** Tailings Dams Transport, Placement and Decantation (1995)
- No. 103:** Tailings Dams and Environment (1996)
- No. 104:** Monitoring of Tailings Dams (1996)
- No. 106:** A Guide to Tailings Dams and Impoundments (1996)
- No. 121:** Tailings Dams Risk of Dangerous Occurrences Lessons Learnt from Practical Experiences (2001)
- No 139:** Improving Tailings Dam Safety (2011)
- No 153:** Sustainable Design and Post-Closure Performance of Tailings Dams (2013)
- No 181:** Technology Update (2021)
- No.194:** Current Bulletin on Tailings Dam Safety – [pre-print on ICOLD webpage](#)



International Initiatives besides GISTM

Spreading information & knowledge

- **ICOLD TC L**; record WS & seminars & publish on LinkedIn: https://www.linkedin.com/posts/international-commission-on-large-dams-tailings-committee_icold-cigb-bulletins-activity-6947091414866407424-utZq/?trk=public_profile_like_view&originalSubdomain=au
YouTube: <https://www.youtube.com/channel/UCDL3oWG8wABE2nEfDvqf0Jw>
- ~~Global Mineral Professionals Alliance (GMPA);~~ develop a database on all international and national courses, WS etc. (in co-operation with ICOLD & others – **new option in progress...**)
<http://gmpaalliance.org/tailings-courses/>
- International Council on Mining & Metal (**ICMM**)  **ICMM**
<https://www.icmm.com/en-gb/resources>
- Mining Association of Canada (**MAC**) <https://mining.ca/resources/> 
- Canadian Dam Association (**CDA**)  **ACB**
<https://cda.ca/professional-development/upcoming-events>



