

Energiforsk AB
Att: Emma Hagner
101 53 STOCKHOLM

Deltagande i ICOLD "Technical Committee on Dam Surveillance"- 2018

Kommitté: Technical Committee on Dam Surveillance

The Terms of Reference (ToR) of the Technical Committee on Dam Surveillance (TCDS) were approved at the Annual Meeting in Kyoto 2012 for the term 2013-2016. It was decided to start off with a bulletin on dam surveillance case histories (Bulletin 1), will be published as Bulletin 180. In Prague the term was extended until 2021, working with Bulletin 2.

Förordnandeperiod: 2018-2021

Kommitténs ordförande: L HATTINGH (Chairman), South Africa
M. GOMEZ DE MEMBRILLERA (Vice Chairman), Spain

Svensk delegat: Sam Johansson, HydroResearch AB,
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Kommitténs uppdrag:

The work was defined in the ToR as: "Prepare guidelines for the optimal organization of all components, required for dam surveillance and monitoring (independently of the Automated Monitoring, already covered by Bulletin No. 118) with the purpose of dissemination in the fields of visual inspection, Continued availability and maintenance of technical data, Instrumentation and monitoring optimization, and Efficient management of monitoring data."

Lägesrapport 2018:

Our sixth meeting was held in Vienna on 1 July 2018. It was attended by 21 of a total of 25 members, 2 co-opted members and 17 part-time observers. The absent members apologized except for Korea and Mozambique.

Bulletin 1 with 80 surveillance case histories was submitted to the national committees. Formal comments were only received from the Netherlands and South Africa. The comments were incorporated, and the bulletin will be published as Bulletin 180. Future case histories to enlarge the knowledge base are invited from each National Committee. These will be reviewed on an annual basis.

We had detailed discussions on the contents of bulletin 2 titled “Acquisition and interpretation of surveillance data and observations” covering the following main aspects of the terms of reference of the bulletin:

- Chapter 2: Introduction describing where this bulletin fits into the whole “dam surveillance cycle”
- Chapter 3: Methods for the improvement of the quality and reliability of data/information
- Chapter 4: Data processing and representation techniques
- Chapter 5: Effective diagnostic analyses to determine behavior patterns

It was also decided to include a separate chapter on relevant capacity building/training. The committee is well on its way to finish the bulletin by the end of the current term 2021.

Kommande aktiviteter 2019:

During 2018/2019 we will have regular webinars/skype meetings every 3 to 4 months for work with Bulletin 2: Acquisition and interpretation of surveillance data and observations. webinars/skype meetings will be held for Chapters 3, 4 and 5, will be held separately, as well as a combined webinar before next meeting at Ottawa 2019.

A workshop will be held at Ottawa 2019 on Monday 9 June 2019 to introduce the bulletin to the wider ICOLD audience.

Övrigt:

It's a privilege to participate in such a group and share experience and information about both successful and less successful projects.

Sam Johansson