

The 1st Nordic ICOLD seminar

NNCOLD, FINCOLD, SWEDCOLD, and ISCOLD would like to invite you to the
1st Nordic ICOLD seminar to be held on the
6 November 2019 in Oslo, Norway.

The seminar will cover a range of topics within **Dam Safety**.

- Dam safety work in each of our 4 countries - as seen by both industry and authorities

Technical Topics:

- Ice loads/winter conditions
- Nordic climate change impacts - and methodologies related to the safety of dams

Venue for the seminar

[Statkraft](#), Lilleakerveien 6, 0283 Oslo, Lysaker stasjon



Venue, lunch and coffee breaks are sponsored by Statkraft.

Accommodation

Reservation for hotel rooms for participants is made at [Radisson Blu Park Hotel Oslo](#) in Fornebu parken, near the venue. The hotel requires booking from you through its reservations system. Please make a booking at the hotel as soon as possible and no later than **15 October 2019** by clicking here:

[-- Booking hotel --](#)

Dinner at 19:00 on 5 November 2019

There will be a dinner at hotel *Radisson Blu Park Hotel Oslo* the evening before the seminar, to network & socialize. Each participant must cover accommodation and dinner at check out.

Book a dinner below (Registration).

YEF: For young professionals, we have arranged a mini-technical tour to Grorudparken in Oslo at on **15:00-17:00 on 5 November 2019**. See under *More information*.

Book a technical tour below. (Registration).

Registration

Please confirm your attendance to the seminar, and voluntary to the technical tour and/or to the dinner, as soon as possible and no later than **15 October 2019** by clicking here:

[--Registration--](#)

Welcome to the 1st Nordic ICOLD seminar!

The 1st Nordic ICOLD seminar

The 1st Nordic ICOLD seminar – Program

6 November 2019

08.30	Registration and coffee	
09.00-09.10	Welcome	
Main focus on dam safety in the Nordic countries		
09.10-09.40	Dam Safety in Finland	Juha Laasonen, <i>Fortum</i>
09.40-10.10	Dam Safety in Iceland	Paul Slangen, <i>Landsvirkjun</i>
10.10-10.40	Break	
10.40-11.10	Dam Safety in Sweden	Maria Bartsch, <i>Svenska Kraftnät / Claes-Olof Brandesten, Vattenfall Vattenkraft AB</i>
11.10-11.40	Dam Safety in Norway	Lars Grøttå, <i>NVE / Anne Marit Ruud, Statkraft</i>
11.40-12.40	Lunch	
Technical topics		
12.40-13.00	Climate Change and Dam Safety in Finland	Juho Jakkila/Jari Uusikivi, <i>Finnish Environment Institute</i>
13.00-13.20	Iceland - Remediation of the Laxá Power Plant III to lower operational problems related to ice and sediment transport	Hörn Hrafnadóttir, <i>Verkis</i>
13.20-13.40	Sweden - Design flood assessment in a changing climate	Kristofer Hallberg, <i>WSP</i>
13.40-14.00	Planning and design of cofferdams – in light of Munkebotnsvatn dam failure	Fjola Gudrun Sigtryggdottir, <i>NTNU</i>
14:00-14:30	Break	
14.30-14.50	Research towards an update of the Swedish guidelines for ice load on dams	Rikard Hellgren, <i>WSP/KTH</i>
14.50-15.10	Current research on ice loads in Norway	Aslak Bøhle Foss, <i>Sweco/ Bård Arntsen, NORUT</i>
15.10-15.30	How does dam owner confront winter conditions in Finland?	Tomi Mäki, <i>ELY Centre for South Ostrobothnia</i>
15.30-15.50	Iceland - Budarhals HPP-Spordalda Dam - Construction of Spordalda Dam and unforeseeable difficulties due to frost weathering of quarried rock fill	Jón Smári Úlfarsson, <i>Landsvirkjun</i>
	Discussion / Panel discussion	
16.50-17.00	Closing remarks	

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More information

- Airport to Statkraft
Train: "Flytoget" Airport Gardermoen - **Lysaker** - go to **Statkraft** - Lilleakerveien 6A, 0283 Oslo
- Airport to hotel
Train: "Flytoget" Airport Gardermoen - **Lysaker**, further from Lysaker station with bus **31**, two stops, to station Fornebuparken - **Radisson Blu Park Hotel**, Fornebuveien 80, 1366 Lysaker

From Airport <https://flytoget.no>

App: Flytoget



Local metro Oslo: T-bane: <https://ruter.no/en/>

App: Ruter



Flytoget Airport Express Train

Kun for reiser til og fra Oslo Lufthavn. Her gjelder kun Flytogets kort og billetter.
For travel to and from Oslo Airport only. Only Flytoget travel cards and tickets are valid here.

- F1** Oslo S – Oslo Lufthavn
Direkte
- F2** Drammen – Oslo Lufthavn
Stopper på alle Flytogstasjoner



Mini-technical tour to Grorudparken for young engineers - 5 November 2019, 15:00-17:00

We try to get a mini-technical tour to Grorudparken, especially for young engineers (not confirmed yet). Grorudparken got in 2014 Damkrona (The Dam Crown), NNCOLDS award for a well implemented dam project ([link to NNCOLDS evaluation](#)). The park is 2 km long in an urban area and contains also a dam. The plan is to meet at 15:00 at Grorud and to stroll through the park. There will be some technical information as well as time to meet young people working with dams in the Nordic countries. Around 17:00 we will use public transport to get to the hotel for dinner.

If you are interested for tour to Grorudparken, confirm that during the registration and we will contact you by email for further instructions!

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