

1st Nordic ICOLD seminar

NNCOLD, FINCOLD, SWEDCOLD, and ISCOLD would like to invite you to the

1st Nordic ICOLD seminar to be held

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 questions:

- 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 break are sponsored by Statkraft.

Accommodation terms and condition:

You have to arrange travel and accommodation by yourself.

We recommend the hotel [Radisson Blu Park Hotel Oslo](#), which is near the venue for seminar. We meet at hotel Radisson Blu Park Hotel Oslo at dinner evening before the seminar, at 19:00 on 5 November 2019, to network & socialize.

For hotel and dinner reservations please contact the hotel directly + 47 21 93 19 37, guest.park.oslo@radissonblu.com, and use the reference: "**Nordic ICOLD seminar**".

Mini-technical tour to Grorudparken for young engineers

See below for the details under *More information*.

Registration

Please fill out a [registration form](#) as soon as possible, and no later than 15 October 2019.

Welcome to **the 1st Nordic ICOLD seminar!**

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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
09.40-10.10	Dam Safety in Iceland	Paul Slangen
10.10-10.40	Break	
10.40-11.10	Dam Safety in Sweden	Maria Bartsch/ Claes-Olof Brandesten
11.10-11.40	Dam Safety in Norway	Lars Grøttå/Anne Marit Ruud
11.40-12.40	Lunch	
Technical topics		
12.40-13.00	Climate Change and Dam Safety in Finland	Juho Jakkila/Jari Uusikivi
13.00-13.20	Iceland - Remediation of the Laxá Power Plant III to lower operational problems related to ice and sediment transport	Hörn Hrafnadóttir
13.20-13.40	Sweden - Design flood assessment in a changing climate	Kristofer Hallberg
13.40-14.00	Planning and design of cofferdams – in light of Munkebotnsvatn dam failure	Fjola Gudrun Sigtryggisdottir
Break		
14.30-14.50	Research towards an update of the Swedish guidelines for ice load on dams	Rikard Hellgren
14.50-15.10	Current research on ice loads in Norway	Bård Arntsen/Aslak Bøhle Foss
15.10-15.30	How does dam owner confront winter conditions in Finland?	Tomi Mäki
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
	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 (Radisson Blu Park Hotel, Fornebuveien 80, 1366 Lysaker)** from Lysaker station with bus **31**, 2 stops, to station Fornebuparken)

From Airport <https://flytoget.no>

App: Flytoget



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

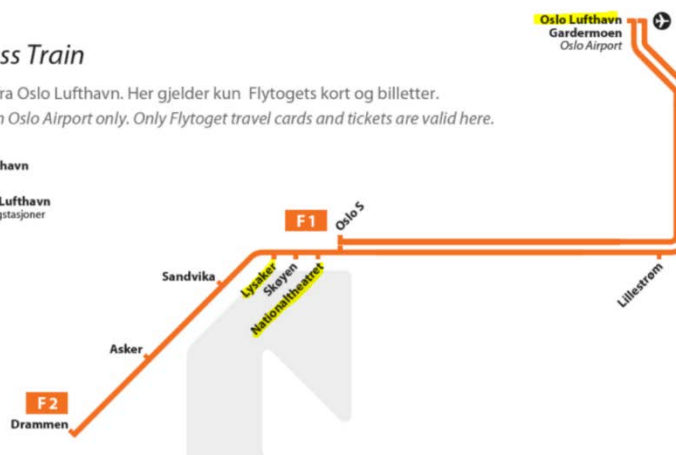
App: Ruter



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

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, confirm that during the registration and you will be contacted by email for further instructions!

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