



NORDISKA KOMMISSIONEN FÖR GEODESI

## **NKG Working Group of Geodynamics and Earth Observation (WGGEO)**

### **Agenda for the hybrid 49<sup>th</sup> WG meeting Kartverket, Oslo, Norway Tuesday, 11 March 2025**

Teams link to online event (Tuesday/Wednesday):



**Place:**

On-site:

**Meeting room: 1 & 2** Kartverket

Oslo

Drammensveien 151, Oslo, Norway

Online:

**All times displayed as CET (Oslo Time)!**

12:00 – 13:00

*Lunch sponsored by Kartverket* 🍴

#### **Introduction**

13:00

Meeting starts

13:00 – 13:15

Welcome

- Approval of the Agenda
- Minutes from the last meeting (Science Week 2024)
- Appointment of Secretary (Norway)
- Introduction by the Chair, input from the NKG Presidium



## Geodynamics

- 13:15 – 13:45 Clinton P. Conrad: “Rapid Ground Motion Driven by Deglaciation Above the Iceland Plume Track” (invited, online)
- 13:45 – 14:05 Mohammad Bagherbandi: “Relationship between surface gravity and height changes due to glacial isostatic adjustment using GRACE and GRACE-FO in Fennoscandia and Canada” (online)
- 14:05 – 14:25 Maaria Nordman: “Implementing non-tidal corrections at the observation-level in GNSS data”
- 14:25 – 14:45 Aino Schulz: “Non-tidal loading in GPS time series in Dronning Maud Land, Antarctica”
- 14:45 – 15:15 *Coffee and tea break ☕*
- 15:15 – 15:25 Holger Steffen: “GIAMachine, GIAMIP & HOLSEA - what are they?”
- 15:25 – 16:00 **Discussion**

- Holger Steffen et al.: “NKG2022GIA - Status March 2025”
- Holger Steffen, Halfdan P. Kierulf et al.: “BIFROST2025 status”

*Discussion time is tentative. We may continue Wednesday morning before the National Reports (e.g. 08:30) and/or Wednesday afternoon after the InSAR discussion (NKG202XLU slot).*

## Gravity

- 16:00 – 16:20 Jaakko Mäkinen: “Repeated relative-gravity measurements down a silo 10 metres deep isolate the gravity effect of local hydrology at the Riga absolute-gravity station” (online)
- 16:20 – 16:40 Andreas Engfeldt: “A new realization of RG 2000 - the Gravity Reference Frame of Sweden”
- 16:40 – 17:00 **Discussion**
- NKG AG database
- 16:40:00 – 16:40:10
- 2024 updates
  - Code of conduct (Vegard & Holger)



AG comparison in Onsala 2022

- Status of the report (Mirjam)

Relative gravity lines (“FLUGL”)

- Status of the reports (Jaakko & Andreas)

17:00

End

19:30 -

**Geodynamics and Earth Observation Dinner (sponsored by Kartverket) 🍴**

Restaurant:

**Brasserie Blanche**

Josefinesgate 23

0351 Oslo

[Brasserie Blanche - Google maps](#)



## Wednesday 12 March 2025

### National reports (WGGEO+WGHG combined)

09:00 – 10:15

National/Institutional reports (max. 15 minutes per country)

- Denmark – SDFE & DTU (Gabriel, Kristian?)
- Estonia (Sander)
- Faroe Island: “The Faroese Environment Agency and the future of the Faroese geodetic infrastructure” (Hergeir)
- Finland (Mirjam)
- Iceland (Guðmundur)

10:15 – 10:45

Coffee and tea break ☕

### National reports (WGGEO+WGHG combined)

10:45 – 11:45

National/Institutional reports (max. 15 minutes per country)

- Latvia (Jānis)
- Lithuania (?)
- Norway (Ove & Vegard)
- Sweden - Lantmäteriet & HiG (Andreas & Mohammad, online)

11:45 – 11:59

### Business Matters

- Status of the NKG website
- Email list/Mailing list
- AOB

12:00

Closing of the meeting, next meeting(s)

**Next meeting in Estonia/Latvia/Lithuania?, week 11, 2026.**

2025: Norway, 2024: Iceland, 2023: Finland, 2022: Sweden,  
2021: Online, 2020: Iceland, 2019: Denmark, 2018: Finland

12:00 – 13:00

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