



NKG Working Group of Height and Geoid (WGHG)

Agenda for the hybrid 49th meeting Kartverket, Oslo, Norway

Wednesday 12 March 2025

Teams link to online event (Wednesday/Thursday):

https://teams.microsoft.com/join/19%3ameeting_YmQyMzk0MzktNWRmMi00MDM3LThlNmUtMzVjY2RjM2VINzAz%40thread.v2/0?context=%7b%22Tid%22%3a%227f74c8a2-43ce-46b2-b0e8-b6306cba73a3%22%2c%22Oid%22%3a%22ae94e30f-24ad-4772-9c4a-ba12afcf132f%22%7d

Meeting ID: 329 912 591 797

Please **upload your presentations** to  **NKG_WGGEO_WGHG_2025**

Place:

On-site:

Meeting room: 1 & 2

Kartverket Oslo

Drammensveien 151, Oslo, Norway

Online: [NKG WGHG meeting](#)

All times displayed as CET (Oslo Time).

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 (Timo Saari)
- Introduction by the Chair, input from the NKG Presidium

Scientific presentations (20 min talks)

InSAR (WGGeo+WGHy combined)

13:15 – 13:35

Faramarz Nilfouroushan: “Advancing Sweden’s Geodetic Infrastructure: Validation of Corner Reflector Displacement Detection Using Persistent Scatterer Interferometry (PSI)”

13:35 – 13:50

Discussion

- Status of the NKG InSAR reports suggested at the GA 2022
- NKG/EPOS reflector database?

NKG202XLU

13:50 – 14:10

Holger Steffen: NKG2026LU status

14:10 – 14:30

Discussion

- BIFROST2025 & NKG2026LU (cont.)

14:30 – 15:00

Take Tram (or Walk) to the University’s Astronomical Observatory, Observatoriegata 1.

<https://www.muv.uio.no/observatoriet/>

15:00 – 16:30

Guided tour of the Observatory

16:30

End of day

19:00 -

Height & Geoid Dinner 🍴 (sponsored by Kartverket)

Restaurant: Pillefyken

Monradsgate 1

Oslo

[Pillefyken - Google maps](#)



Thursday 13 March 2025

Geoid

09:00 – 09:20

Rene Forsberg: “Geoid status - Denmark and Greenland”

09:20 – 09:40

Aleksei Kupavõh: "SWOT altimetry reveals errors in NKG2015 and BSCD2000 geoid models in the eastern Gulf of Finland"

Marine Gravity Survey

09:40 – 10:00

K. Pyrchla, G. Strykowski, K. Lapinski, Jonathan F. Kirby and J. Pyrchla: “Data Processing Strategies for Marine Gravimetry: Gravity Anomalies and Gravity Disturbances”

10:00 – 10:20

Coffee and tea break ☕

Temporal height variations

10:20 – 10:40

Małgorzata Szelachowska: “On temporal variations of geodetic heights at the proposed IHRF stations” (Yadeta S.M., Godah W., Szelachowska M.)

NKG202X DTM

10:40 – 11:00

Vents Zuševics: “New digital terrain model for the NKG Geoid”

NKG gravity database

11:00 – 11:20

Gabriel Strykowski: “Status of the NKG gravity database”

Discussion

11:20 – 11:50

NKG2026 QuasiGeoid



11:50 – 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

Lunch sponsored by Kartverket 