



NORDISKA KOMMISSIONEN FÖR GEODESI

NKG Working Group of Height and Geoid (WGHG)

**Agenda for the hybrid 48th meeting
Hotel Reykjavik Grand, Reykjavik, Iceland**

Wednesday 13 March 2024

Teams link to online event (Wednesday):

https://teams.microsoft.com/join/19%3ameeting_ZGlxOTMxNmYtMDEzZC00OTkyLTlkMDUtYmEyOWZiMTM2NTYy%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: 327 688 069 564

Please **upload your presentations** to

Place:

On-site:

Meeting room: Hvammur

Hotel Reykjavík Grand

Sigtún 28, 105 Reykjavík, Iceland

Online: [NKG WGGH 48th meeting](#)

All times displayed as UTC (Iceland Time).



Meeting room: Hvammur

Introduction

08:00

Meeting starts

08:00 – 08:15

Welcome

- Approval of the agenda
- Minutes from the last meeting (Aalto University 2023)
- Appointment of secretary (Guðmundur Valsson)
- Introduction by the chair; input from the NKG Presidium

Scientific presentations (20 min talks)

Quantum and Geoid

08:15 – 08:35

Rene Forsberg: “Quantum survey in Iceland and Nuuk and the Danish one cm geoid”

08:35 – 08:55

Mirjam Bilker-Koivula, Timo Saari, Jussi Hedemäki and Pasi Häkli:
"FIN2023N2000 - The new height conversion surface for Finland and requirements for future geoid models"

Levelling

08:55 – 09:15

Olav Vestøl: “Heights on Svalbard - report from a levelling campaign 2023”

09:15 – 09:35

Anders Alfredsson: "On the contribution of precise levelling for regional realisations of IHRs"

Relative gravity

09:35 – 09:55

Vents Zuševics: “Relative gravity in Latvia 2022-2023”

09:55 – 10:20

Coffee and tea break ☕



Marine Gravity

10:20 – 10:40

Monika Wilde-Piórko: "Homogenized marine gravity maps of southern and eastern Baltic Sea for modern 3D applications in marine geodesy, geology and navigation (BalMarGrav)"

10:40 – 11:00

Gabriel Strykowski: "BalMarGrav-project: 2023 "Nawigator XXI" marine gravity survey in Southern Baltic Sea – Processing Methodology and Results"

Airborne Gravity

11:00 – 11:20

Björnar Dale: "Processing of strapdown gravimetry using the direct method in NMA2023 airborne gravimetry campaign"

GRACE and Land uplift model

11:20 – 11:40

Mohammad Bagherbandi: "Preliminary results of the GRACE and GRACE Follow-on derived land uplift model in Fennoscandia"

NKG gravity database

11:40 – 12:00

Gabriel Strykowski: "Status of NKG gravity database"

- BalMarGrav-licence and the latest development

NKG Geoid 2026

12:00 – 12:20

Ove Christian Dahl Omang: "Status new NKG Geoid in 2026"

12:20 – 12:30

Discussion

12:30 – 13:30

Lunch 🍴

13:30 – 13:50

Open Discussion

- NKG geoid 2026
- Quantum



National reports (WGGEO+WGHG combined)

13:50 – 16:20

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

- Denmark – SDFE & DTU (Kristian)
- Estonia (Karin)
- Finland (Mirjam)
- Iceland (Guðmundur)

14:50 – 15:20

Coffee and tea break ☕

National reports (WGGEO+WGHG combined)

15:20 – 16:20

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

- Latvia (Jānis Sakne)
 - NKG Latvian National Group
- Lithuania (Darius)
- Norway (Ove)
- Sweden - Lantmäteriet & HiG (Holger & Mohammad)

16:20 – 16:30

Business Matters

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

16:30

Closing of the meeting, next meeting(s)

Next meeting in Norway, week 11, 2025.

19:30-

Science Week Dinner 🍴

Restaurant: Geiri Smart

Hverfisgata 30

101 Reykjavík

<https://www.geirismart.is/en>