

**NextGen Nordic Geotechnics (NG2)**

**Thematic Area 3 (TA3)**

**Interdisciplinary Knowledge Hub (IKH) #1**



**NextGen Nordic Geotechnics (NG<sup>2</sup>)** is a Nordic early-career researcher network advancing geotechnical engineering innovations for climate resilience, sustainability, and digital transformation. The **Interdisciplinary Knowledge Hub (IKH)** hosts bi-monthly virtual seminars throughout the project period, first series focusing on **thematic area TA3: Digital and Data-driven Approaches**. TA3 is led by Monica Löfman and Milad Kowsari and it emphasizes on the integration of *digitalisation*, *artificial intelligence*, and *data-driven methods* in geotechnical practice.

Read more about NextGen Nordic Geotechnics (NG<sup>2</sup>) at <https://www.ngi.no/en/projects/nextgen-nordic-geotechnics-ng2/>

## **IKH#1 Seminar: Open-access geodatabases**

Date: Wednesday 12.8.2026

Time: EEST 13:00-14:30 (UTC+3)

Where: Teams ([link](#))

*This seminar is intended for all the NG2 network partners and others interested in the research topics discussed in the event.*

Program:

13:00-13:05 Welcome / Milad Kowsari, University of Iceland

13:05-13:25 Overview on TC304 geodatabases and introduction to compressibility databases (Finnish clays and gyttjas) / **Monica Löfman**, Aalto University

13:25-13:45 Properties of Finnish clays and Nordic Peats: insights from field and laboratory databases / **Marco D'Ignazio**, Tampere University

13:45-13:50 Break

13:50-14:10 Norwegian GeoTest Sites overview: facilities, applications, and data resources for short-term research / **Priscilla Paniagua**, NGI

14:10-14:15 NG2 activities and upcoming events / Monica Löfman, Aalto University

14:15-14:30 Discussion

There will be Q/A after each presentation. The seminar will be recorded. Inquiries about the seminar can be sent to [monica.lofman@aalto.fi](mailto:monica.lofman@aalto.fi).