



<https://geodesy.science/events/ggos-topical-meeting-geohazards/>

Agenda and Venue Information

The **GGOS Topical Meeting on Geohazards** will be hosted by Lantmäteriet, the Swedish Mapping, Cadastral and Land Registration Authority, in Gävle, Sweden:

Lantmäterigatan 2C, 802 64 Gävle, Sweden,

<https://www.lantmateriet.se/en/>

Please note that the **Volcano- and Seismogeodesy Sessions of the TIGER Symposium** (<https://geodesy.science/com3/meetings/tiger-symposium-2026/>), taking place on 1 October 2026, will be held at a different venue:

Gävle Konserthus, Kungsbäcksvägen 22, 80267 Gävle, Sweden,

<https://www.gavlekonserthus.se/konferens/>

Attendees of the GGOS Topical Meeting who wish to participate in either the Volcano-Geodesy or Seismogeodesy Session should therefore make sure to go to the Gävle Konserthus on 1 October.

Please note that only the presenter's name appears below. The full list of authors will be provided during the presentations.

GGOS Topical Meeting Agenda

08:00 – 08:30 Registration

08:30 – 08:45 Opening (welcome addresses, logistic, safety)

08:45 – 10:15 Session 1: InSAR Key Applications | Chair: Faramarz NILFOUROUSHAN |
University of Gävle, Senior Geodesist at Lantmäteriet | Sweden

08:45 – 09:00 Why Geodesists Need to Become Involved in InSAR: On the Critical Role of Geodetic Network Design in InSAR Applications |
Ramon HANSSEN, Delft University of Technology, The Netherlands

09:00 – 09:15 Bridging the Gap: Experiences and Pathways in Operationalizing InSAR for Geohazard Monitoring | Franz J MEYER, Alaska Satellite Facility, University of Alaska Fairbanks, USA

09:15 – 09:30 Bridging Earth Observation and Geodesy: Operational InSAR for Decision Support | Matt GARTHWAITE, CSIRO Centre for Earth Observation (CCEO), Australia

09:30 – 10:15 Discussion

10:15 – 10:45 Break

10:45 – 12:30 Session 2 – Continuous Monitoring Based on InSAR | Chair: Ramon HANSEN, Delft University of Technology, The Netherlands

10:45 – 11:00 ALOS-4/PALSAR-3 Applications to Continuous InSAR Monitoring and Disaster Response | Keisho ITO, Japan Aerospace Exploration Agency - JAXA, Japan

11:00 – 11:15 The EPOS Satellite Data Thematic Core Service for ground displacement monitoring | Francesco CASU | Istituto per il Rilevamento Elettromagnetico dell'Ambiente (IREA-CNR), Italy

11:15 – 11:30 From National Ground Motion Services to the High Arctic: Operational InSAR Monitoring in Svalbard | John DEHLS, Geological Survey of Norway, Norway

11:30 – 11:45 InSAR for Environmental and Urban Risk Monitoring: From Water Scarcity to Mining-Induced Damage | Mahdi MOTAGH, Leibniz University Hannover, GFZ Helmholtz Centre for Geosciences, Germany

11:45 – 12:30 Discussion

12:30 – 13:30 Break

13:30 – 15:15 Session 3 – Regional Initiatives Integrating GNSS and InSAR Techniques | Chair: Matt GARTHWAITE, CSIRO (Centre for Earth Observation (CCEO), Australia

13:30 – 13:45 An introduction to the European Ground Motion Service | Lorenzo SOLARI, European Environment Agency, Denmark

13:45 – 14:00 The National Science Foundation National Geophysical Facility – status and vision for supporting geohazards monitoring and research as part of GGOS, Glen S. MATTIOLI, EarthScope Consortium and NSF NGF Co-PI, USA | Online

14:00 – 14:15 Synergistic Use of GNSS and InSAR for Crustal Deformation Monitoring and Hazard Assessment in Japan | Basara MIYAHARA, Geospatial Information Authority of Japan (GSI), Japan

14:15 – 14:30 Millimetres that Matter: InSAR and GNSS Services Supporting Geohazard Monitoring Across Australia and New Zealand | Anna RIDDELL, Geoscience Australia, Australia

14:30 – 15:15 Discussion

15:15 – 15:45 Wrap up | Faramarz NILFOUROUSHAN, Ramon HANSEN, Matt GARTHWAITE