



<https://geodesy.science/events/ggos-days-2026/>

Agenda

The **GGOS Days 2026** will be hosted by Lantmäteriet, the Swedish Mapping, Cadastral and Land Registration Authority, in Gävle, Sweden:

Lantmäterigatan 2C, 80264 Gävle, Sweden,

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

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

Monday, 5 October 2026

08:30 - 09:15 **Registration**

Opening | Laura Sánchez

09:15 - 09:30 Welcome, logistics, safety

09:30 - 09:45 GGOS: the observing system of the International Association of Geodesy
| Laura Sánchez (DGFI-TUM, Germany) | Onsite

09:45 - 10:00 News from the International Association of Geodesy | Richard Gross
(IAG, USA) | Onsite

10:00 - 10:15 Strengthening the Chain: Securing the operational future of global
geodesy | Allison Craddock (UN-GGCE, Germany) | Onsite

10:15 - 10:45 **Coffee break**

Swedish Geodesy: Building Infrastructure at Home and Abroad

| Rebekka Steffen

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| 10:45 - 11:00 | Lantmäteriet and Geodetic infrastructure in Sweden - the new 10 yr strategy Martin Lidberg (Lantmäteriet, Sweden) Onsite |
| 11:00 - 11:15 | Strengthening Geodetic Infrastructure in Africa: Swedish Experiences Mikael Lilje (Lantmäteriet, Sweden) Onsite |
| 11:15 - 11:30 | EPOS-SE: The Swedish contribution to FAIR solid Earth sciences data in the European Plate Observing System (EPOS) Henning Lorenz (Uppsala University, Sweden) Onsite |
| 11:30 - 11:45 | On the development of BSCD2000, the new common chart datum for the Baltic Sea Jonas Ågren (Lantmäteriet, Sweden) Onsite |
| 11:45 - 12:00 | Running a geodetic fundamental station – status and plans for Onsala Ruediger Haas (Chalmers, Sweden) Onsite |
| 12:00 - 12:15 | The Nordic Geodetic Commission (NKG) – a successful cooperation between the Nordic and Baltic countries Martin Lidberg (Lantmäteriet, Sweden) Onsite |
| 12:15 - 12:30 | NKG working groups - organisation, projects and activities Holger Steffen (Lantmäteriet, Sweden) Onsite |
| 12:30 - 13:30 | Lunch break |

Standardisation, integration, and optimisation of geodetic products | Detlef Angermann

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| 13:30 - 13:45 | GGOS Bureau of Products and Standards: Update Detlef Angermann (DGFI-TUM, Germany) Onsite |
| 13:45 - 14:00 | Lunar reference systems Agnès Fienga (Geoazur, Unice, France) Online |
| 14:00 - 14:15 | Towards an updated reference level ellipsoid Urs Marti (swisstopo, Switzerland) Online |
| 14:15 - 14:30 | On the implementation status of ITGRF Ezequiel Antokoletz (BKG, Germany) Onsite |
| 14:30 - 14:45 | Progress on the implementation of the Essential Geodetic Variables Thomas Gruber (TUM, Germany) Onsite |
| 14:45 - 15:00 | Increased Automation in Geodetic Data Analysis Benedikt Soja (ETH Zurich, Switzerland) Onsite |
| 15:00 - 15:15 | Summary, wrap up Detlef Angermann (DGFI-TUM, Germany) Onsite |
| 15:15 - 15:45 | Coffee break |

GGOS/IERS joint session: UAW2026 follow-up | Laura Sánchez, Robert Heinkelmann

15:45 - 16:00	IERs Conventions updates Sharyl Byram (USNO, USA) Online
16:00 - 16:15	Challenges in the new ITRF operational updates Robert Heinkelmann (GFZ, Germany) Online
16:15 - 16:30	Challenges and opportunities in analysing Genesis data Johannes Böhm (TU Wien, Austria) Online
16:30 - 16:45	Geophysical models and geodetic data analysis Jeff Freymueller (Michigan State University, USA) Onsite
16:45 - 17:00	Correlations in atmospheric parameter estimation Benedikt Soja (ETH Zurich, Switzerland) Onsite
17:00 - 17:15	Resilience of IAG Services Richard Gross (IAG, USA) Onsite
17:15 - 17:30	Summary, wrap up Laura Sánchez (DGFI-TUM, Germany) Onsite
19:00 - 22:00	Self-paid dinner Högbo Qvarn (Details will be provided to onsite attendees)

Tuesday, 6 October 2026

Focus Area Artificial Intelligence for Geodesy | Benedikt Soja

08:30 - 09:00	Updates from the Focus Area Artificial Intelligence for Geodesy Benedikt Soja (ETH Zurich, Switzerland) Onsite
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Focus Area Geodetic Space Weather Research | Michael Schmidt

09:00 - 09:15	Updates from the Focus Area Geodetic Space Weather Research Michael Schmidt (DGFI-TUM, Germany) Online
09:15 - 09:30	Understanding Ionospheric and Plasmaspheric Processes Fabricio dos Santos Prol (NLS, Finland) Online
09:30 - 09:45	Atmospheric Coupling Studies Andres Calabia Aibar (Universidad de Alcalá, Spain) Online
09:45 - 10:00	Thermosphere Modelling and Applications Guenther March (ESA, Netherlands) Onsite
10:00 - 10:15	Summary, wrap up Michael Schmidt (DGFI-TUM, Germany) Online
10:15 - 10:45	Coffee break

Updates on the global geodetic infrastructure | José Rodríguez

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| 10:45 - 11:00 | News from the GGOS Bureau of Networks and Observations José Rodríguez (IGN, Spain) Online |
| 11:00 - 11:15 | GGOS Committee on Performance Simulations and Architectural Trade-Offs (GGOS-PLATO): Current Activities and Plans Alexander Kehm (BKG, Germany) Onsite |
| 11:15 - 11:30 | Protecting VLBI radio frequencies - the role of GGOS and its member countries Lucia McCallum (U. Tasmania, Australia) Onsite |
| 11:30 - 11:45 | Benefits of eccentric orbits for geodesy
Joanna Najder (Wroclaw University of Environmental and Life Sciences, Poland) Onsite |
| 11:45 - 12:00 | Modern Concepts and Quantum Technology for Geodesy
Jürgen Müller (Leibniz University Hannover, Germany) Online |
| 12:00 - 12:15 | A database for space-geodetic station metadata Rebekka Handirk (Chalmers, Sweden) Onsite |
| 12:15 - 12:30 | Summary, wrap up José Rodríguez (IGN, Spain) Online |
| 12:30 - 13:30 | Lunch break |

News from the IAG Services | Anna Ridell

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| 13:30 - 13:40 | IERS - International Earth Rotation and Reference Systems Service Daniela Thaller (BKG, Germany) Onsite |
| 13:40 - 13:50 | IVS - International VLBI Service for Geodesy and Astrometry Lucia McCallum (U. Tasmania, Australia) Onsite |
| 13:50 - 14:00 | IGS - International GNSS Service Markus Bradke (GFZ, Germany) Online |
| 14:00 - 14:10 | ILRS - International Laser Ranging Service, Toshi Otsubo (Hitotsubashi University, Japan) Online |
| 14:10 - 14:20 | IDS - International DORIS Service Karine Le Bail (Chalmers, Sweden) Onsite |
| 14:20 - 14:30 | PSMSL - Permanent Service for Mean Sea Level Elizabeth Bradshaw (National Oceanography Centre, UK) Online |
| 14:30 - 14:40 | IGFS - International Gravity Field Service
IDEMS – International Digital Elevation Model Service
BGI – Bureau Gravimétrique International
 Georgios S. Vergos (AUPh, Greece) Online |

14:40 - 14:50	IGETS - International Geodynamics and Earth Tide Service Ezequiel Antokoletz (BKG, Germany) Onsite
14:50 - 15:00	ICGEM - International Centre for Global Earth Models Sinem Ince (GFZ, Germany) Online
15:00 - 15:10	ISG - International Service for the Geoid Urs Marti (swisstopo, Switzerland) Online
15:10 - 15:20	Summary, wrap up Anna Ridell (Geoscience Australia) Onsite
15:20 - 15:45	Coffee break

IAG sustainable data centres | Richard Gross

15:45 - 16:05	GGOS Portal: Launch of the New Search Platform for Geodetic Data and Products Martin Sehnal (BEV, Austria) Onsite
16:05 - 16:25	Implementing DOIs for data in geodesy Kirsten Elger (GFZ, Germany) Online
16:25 - 16:45	A Resilient and Interoperable Future for IAG Data Centers: Improving Efficiency, Sustainability, Reliability, and Redundancy across the Services Pat Michael (NASA/GSFC, CDDIS, USA) Onsite
16:45 - 17:30	Discussion, summary, wrap up Richard Gross (IAG, USA) Onsite
18:30	ECS event (per invitation only)

Wednesday, 7 October 2026

Focus Area Geohazards Monitoring | Tim Melbourne

08:30 - 08:45	Updates from the Focus Area Geohazards Monitoring: GNSS-enhanced Tsunami Early Warning Systems for Oceania Tim Melbourne (CWU, USA) Onsite
08:45 - 09:00	Outcomes of the GGOS Topical Meeting on Geohazards Faramarz Nilfouroushan (Lantmäteriet, Sweden) Onsite

GGOS at regional level | Claudia Tocho

09:00 - 09:15	GGOS Japan Basara Miyahara (GSI, Japan) Onsite
09:15 - 09:30	GGOS IberAtlantic Esther Azcue Infanzón (IGN, Spain) Onsite
09:30 - 09:45	GGOS Africa Aletha de Witt (Department of Science, Technology and Innovation, South Africa) Onsite

09:45 - 10:00	GGOS GB Members-at-Large: Progress, Outreach, and Future Initiatives Claudia Tocho (UNLP, Argentina) Onsite
10:00 - 10:15	Summary, wrap up Claudia Tocho (UNLP, Argentina) Onsite
10:15 - 10:45	Coffee break

Stakeholder engagement and outreach | Martin Sehnal

10:45 - 11:00	Can geodetic data contribute to accelerating progress towards the Sustainable Development Goals? Liubov Poshyvailo-Strube (UN-GGCE, Germany) Onsite
11:00 - 11:15	Beyond Research: Why Outreach Matters in Geoscience Constanza Santori (Universidad de Chile, Chile) Onsite
11:15 - 11:30	Geodesy Outreach: Cartoons, Films and More Martin Sehnal (BEV, Austria) Onsite
11:30 - 11:45	Support by IAG and IUGG for symposia and projects: An overview Daniela Thaller (BKG, Germany) Onsite
11:45 - 12:00	IAG Early Career Scientist report Rebekka Steffen (Lantmäteriet, Sweden) Onsite
12:00 - 12:10	Summary, wrap up Martin Sehnal (BEV, Austria) Onsite
12:10 - 12:30	Closing Laura Sánchez
12:30 - 13:30	Lunch break
13:30 - 15:30	4 th GGOS Governing Board and 3 rd GGOS Science Panel Meeting (per invitation only)