



WORKSHOP 2025

The Hague, Netherlands

13-15 October

World Forum
The Hague

Agenda



EuroGEO

Netherlands
Space
Office

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Workshop objectives

The EuroGEO Workshop 2025 aims to accelerate the delivery of Earth Intelligence by strengthening Europe's contributions to the GEO Work Programme, reinforcing the links to Copernicus, and aligning research, innovation, and national coordination with global and European priorities. The workshop will:

- Set a strategic vision for Earth Intelligence in Europe, engaging Copernicus, to connect policy drivers, user needs, and operational capabilities — including outcomes from the 2025 GEO Forum.
- Showcase European contributions to GEO focus areas, highlighting best practices and gaps in the alignment between GEO, Copernicus, Horizon Europe, and national programmes.
- Advance research and innovation for the downstream Earth Observation (EO) sector through structured sessions on the Copernicus SRIA, fostering community input, identifying partnerships, and defining investment and operational pathways.
- Mobilise EuroGEO Action Groups to deliver actionable priorities and recommendations for their respective domains, including contributions to the evolution of Copernicus Services and future R&I activities.
- Engage youth and startups, showcasing next-generation EO innovation and identifying how EuroGEO can better support emerging actors in the EO ecosystem.
- Strengthen national coordination and governance, through exchange on national GEO strategies, Joint Action Plans, and synergies between Member States and European programmes.
- Co-design the EuroGEO Implementation Plan, drawing on the outputs of each session to define strategic directions, community contributions, and mechanisms for sustained European impact within GEO.

Combine. Coordinate. Cooperate.

Advancing collective Earth intelligence.

#OneEuroGEO - One Voice.

Europe's united contribution to GEO



EuroGEO

**Netherlands
Space
Office**

The EuroGEO Workshop is organised by the EuroGEOsec project. This project has received funding from the European Union's HORIZON EUROPE Research and Innovation Programme under the Grand Agreement No101134335 - EuroGEOsec Granting authority: European Research Executive Agency.

The EuroGEO Workshop 2025 is supported by the Netherlands Space Office.

Day 1 - Monday 13 October: Vision and Global engagement

The workshop opens with high-level remarks and a strategic plenary on the future of Earth Intelligence in Europe. Speakers outline how policies, user needs, and operational capacities must come together to drive impact, building on the outcomes of the 2025 GEO Forum. In the afternoon, parallel thematic sessions explore Europe's contributions to GEO focus areas—from agriculture and climate to biodiversity, One Health, water, and disaster resilience. Discussions focus on aligning efforts, identifying gaps, and shaping concrete recommendations. The day closes with side events and a social gathering at the World Forum.

8:30 - 9:30 Registration at World Forum The Hague

9:30 - 10:30 Opening Plenary

Room: Amazon

- Harm van de Wetering, NSO Director
- Franz Immler, European Commission, DG RTD
- Michel Rixen, European Commission, DG DEFIS
- Sara Venturini, GEO Secretariat
- Thierry Ranchin, EuroGEO Secretariat/ARMINES

10:30 - 11:00 Group photo

11:00 - 12:45 The Vision for Earth Intelligence - From Policy to Impact

Room: Amazon

This session sets the strategic tone for the EuroGEO Workshop 2025 by presenting a shared vision of Earth Intelligence as a driver for policy design, implementation, and systemic change. It will explore how European initiatives align with global frameworks and national needs.

11:00 - 11:15 Setting the scene, outcomes of the GEO Forum

Keynote

- Pr. Nicola Pirrone, National Research Council of Italy

11:15 - 12:45 Delivering Earth Intelligence in Europe

To examine what is needed to deliver Earth Intelligence in Europe, focusing on the operational pipelines that connect research, policy, markets, and users. The session will explore the main drivers of demand, the enabling conditions for EO-based solutions, and the support mechanisms available to move innovation into sustained use.

After a brief introduction to the scope of the session and how it links with the EuroGEOsec project, one moderated panel discussion will then address the role of policy and demand in driving EO innovation, and the conditions for adoption and market uptake. Speakers will share concrete examples from their own organisations and reflect on how tools and initiatives can strengthen Europe's capacity to deliver Earth Intelligence. Audience views will be collected through live polls (via Mentimeter) and a closing Q&A, helping to shape recommendations and a future "roadmap".

Part 1: Policy and Demand as Drivers of Earth Intelligence

Moderator

- Francesca Piatto European Association of Remote Sensing Companies

Part 2: From Co-design to Market Adoption

Moderator

- Lefteris Mamais, Evenflow

Panelists

- Mark Dowell, European Commission's Joint Research Center (JRC)
- Weiyi Ding, Gemeente Amsterdam
- Eduard Escalona, European Agency for the Space Programme
- Alexia Freignaux, Space Climate observatory
- Sandrine Mathieu, ACRI ST
- Franka Kunz, European Space Agency (DestinE Service Platform)

12:45 - 13:45 Lunch & Poster Viewing

13:45 - 16:15 European Contributions to GEO Focus Areas (Parallel sessions)

A set of parallel sessions highlighting European leadership and contributions to GEO's global focus areas, showcasing how EU and national initiatives are supporting the GEO Work Programme. Through parallel thematic discussions, participants will exchange best practices, identify synergies, and explore gaps in coordination or delivery. The session aims to collect concrete recommendations for better aligning Copernicus, Horizon Europe, and national GEO activities with GEO's priorities, generating actionable inputs for the EuroGEO Implementation Plan to strengthen Europe's global engagement.

Part I (13:45 - 14:45): Agriculture & Food Security; Climate, Energy and Urbanisation; Ecosystems, Biodiversity and Carbon Management

Agriculture & Food Security	Sven Gilliams, GEOGLAM Michelle Meroni, MARS Steven Wonink VAPOR Wai-Tim Ng, WorldCereal	Kilimandjaro
Climate, Energy and Urban	Massimo Menenti, GEOCRI Michele Melchiorri, HUMAN-PLANET Jan Rene Larsen, ARCTIC-GEOS Martyn Clark, GHRS Mark Noort, TEMBO Africa Eleni Athanasopoulou; Iphigenia Keramitsoglou, GEONICE Evangelos Gerasopoulos, UHCO	Everest 1
Ecosystems, Biodiversity and carbon management	Sara Venturini, THE ATLAS Antonello Provenzale, Carolina Adler, GEO-MOUNTAINS	Amazon

14:45 - 15:15 Afternoon break and Poster viewing

Part II (15:15 - 16:15): One Health; Water and Land Sustainability; Weather, Hazards, and Disaster Resilience

Water and land sustainability	Antje Hecheltjen, GEO-LDN Ghada El Serafy, AQUAWATCH Veronika Kopackova-Strnadova, GEOMIN	Kilimandjaro
Weather hazards and disaster resilience & One Health	Fernando Sedano, GWIS Sergio Albani, SPACE-SECURITY Sergio Cinnirella, GOS4M	Amazon

16:15 - 17:45 Technical sessions (Parallel sessions)

Parallel 1: In situ technologies for hard to reach or under sampled areas: the benefit and challenges of low-cost sensors.

Room: Amazon

The session brings together seven Horizon Europe projects that focus on developing new technologies and covering gaps in-situ data. The projects will first take stock of the progress and challenges in optimizing technologies and adapting them to specific environments or extreme conditions and hard to reach/under sampled areas. Secondly, the projects will explain how these in-situ sensors and integrated systems are combined with other data (e.g. Copernicus services) towards operational monitoring. The projects will also share challenges linked to validation, interoperability and synchronisation between in-situ and other networks. Finally, there will be a roundtable and interactions with the audience dedicated to users 'needs and future exploitation, including commercialisation and sustainability after the EU Horizon funding.

This session is complementary to the session "*Empowering Europe's competitiveness through in-situ data*" organised by the European Environment Agency (EEA) (DAY 2)

Moderators

- Erwin Goor, European Commission, Research Executive Agency
- Gaëlle Le Boulter, European Commission, Research Executive Agency

Speakers

- Maria Jose Escorihuela, isardSAT, UAWOS
- Tuan Vu Cao, The Climate and Environmental Research Institute (NILU), MISO
- Mikhail Sofiev, Finnish Meteorological Institute (FMI), SYLVA
- Georgio Tsimiklis, Institute of Communication and Computer Systems (ICCS), Cirocco
- Isabelle Picard, Flemish Institute for Technological Research (VITO), ScaleAGData
- Luca Belevi Marchesini, Fondazione Edmund Mach, REMOTREES
- Nick van de Giesen, TU Delft, TEMBO Africa

Parallel 2: Regional engagement

Room: Kilimandjaro

This session highlights the importance of the involvement of stakeholders at a regional level for the Earth Observation community, and explores strategies, mechanisms and activities that contribute to this direction, through regional coordination, international partnerships, support of digital solutions, and capacity building towards addressing global challenges with EO-based solutions and Earth Intelligence for All. It focuses on the European contributions, on the one hand, and benefits for Europe, on the other hand. It brings together representatives from the Group on Earth Observations, the European Commission DG INTPA, as well as key activities, such as the Digital and Green Innovation Action and the GEO Enabling Mechanism GEO-CRADLE.s

Moderators

- Alexia Tsouni, National Observatory of Athens
- Valentin Thibault, European Commission, DG INTPA

Speakers

- Sara Venturini, GEO Secretariat
- Alice Guibert, Expertise France, Digital Green Innovation project
- Haris Kontoes, National Observatory of Athens, GEO Cradle

Parallel 3: Co-design method for Earth Observation

Room: Everest 1

Bridging the Grand Distance between EO experts and potential users is a major challenge in the Earth Observation (EO) sector. This gap has long limited both the commercial exploitation of EO services and their societal impact across Europe.

To address this, the EU has supported the development of co-design methods tailored to the EO domain, first through e-Shape, and now via Destination Earth. These methods aim to help the EO community design user-driven services that respond to concrete needs and generate economic as well as societal value.

Promoting and systematizing the use of these methods is now central and stands as a critical component of the "conveyor belt" supported by the EuroGEOsec for enabling Earth Intelligence.

The objective of this side event is to introduce the co-design methods for Earth Intelligence, to demonstrate their value for the EO community, and to reflect on six years of development and application of these methods. It will be structured in three parts:

- A presentation of the EuroGEOsec's vision regarding the role of co-design in Earth Intelligence;
- An introduction to the co-design method and associated tools supported by EuroGEO Sec;
- A roundtable discussion with key stakeholders from the European EO community to reflect on achievements made possible through co-design and explore perspectives for large-scale deployment of these methods.

Moderators

- Alexandre Azoulay, MINES Paris PSL
- Malik Terfous, MINES Paris PSL

Speakers

- Lefteris Mamais / Julia Caufape, Evenflow
- Franka Kunz, European Space Agency
- Evangelos Gerasopoulos, National Observatory of Athens

Parallel 4: Post-conflict recovery in Ukraine

Room: Everest 2

Combining efforts to address the challenges Ukraine currently faces.

Like many countries Ukraine is facing such challenges as air pollution, soil erosion, floods, fires etc. Apart from that there is also a huge impact of the Russian aggression, particularly destroyed infrastructure and housing, mined territories, changes in ecological balance, etc.

Post-war recovery in Ukraine

As a consequence of Russian aggression our environment, agricultural lands, and water resources have suffered extensive damage. Millions of hectares of forests and soil will require restoration. The infrastructure for environmental monitoring has been significantly damaged. Huge areas need to be cleared of mines.

Among the many problems that Ukraine faces, such as air and water pollution, are also European ones that require joint discussion, strategy development and action plan for their solution. Combining efforts will increase the effectiveness of preparation and implementation of post-war recovery program in Ukraine

Moderator

- Sergey Gerasymchuk, GEO Focal Point, Member of the UkrGEO Office, National Space Facilities Control and Test Center (NSFCTC)

Speakers

- Volodymyr Mikheiev, GEO Principal, Head of the UkrGEO Office, Deputy Head of the State Space Agency of Ukraine
- Michel Rixen, Senior Programme Officer, Copernicus Principal Expert, European Commission
- Ivana Aleksovska and Guido LEMOINE, European Commission, JRC-ISPRA
- Eric van Valkengoed, TerraSphere BV, Director
- Nataliia Kussul, National Technical University of Ukraine, Igor Sikorsky Kyiv Polytechnic Institute
- Andrii Shelestov, National Technical University of Ukraine, Igor Sikorsky Kyiv Polytechnic Institute
- Sergiy Gerasymchuk, GEO Focal Point, Member of the UkrGEO Office, National Space Facilities Control and Test Center (NSFCTC)

Parallel 5: Monitoring SDGs to Protect Citizens from Climate Risks EO insights on wildfires, heatwaves, and decision-ready policy

An event sponsored by the SDGs-EYES project and hosted by EuroGEO.

SDGs-EYES has received funding from the European Union's Horizon Europe Programme for research and innovation under GA number 101082311.

Room: Africa

This session will explore how Earth Observation (EO) data can support sustainable development and protect citizens from climate-related risks such as wildfires and heatwaves. Building on last year's EuroGEO workshop, "Harnessing Earth Observation Data for Sustainable Development," the event will present SDGs-EYES project outputs and the corresponding policy recommendations. The focus is on policy design to support uptake, with a particular emphasis on validating and enriching these recommendations through discussion with experts, policymakers, and other key stakeholders. The session will take the form of a panel discussion, allowing participants to provide feedback, discuss the relevance of the project outputs for EU policies and beyond, and contribute to shaping robust, decision-ready strategies for climate risk management.

Moderator

Dr. Antonella Passani, T6 Ecosystems, Head of Research

18:30 Evening Social Event / Reception (The Hague City Center: Hotel Des Indes)

Sponsored by the Netherlands Space Office (NSO)

- <https://www.hoteldesindesthehague.com/>
- <https://www.google.com/maps/place//data=!4m2!3m1!1s0x47c5b73b98f949af:0x16c04fe38150f40?sa=X&ved=1t:8290&ictx=111>

Day 2 - Tuesday 14 October: R&I in Action

This day focuses on the innovation pipeline for Earth observation. Starting with the role of research in scaling EO solutions, followed by four thematic tracks discussing priorities of the Copernicus Strategic Research and Innovation Agenda: AI, in situ data, infrastructure and standards, and socio-economic data integration. A plenary session focuses on youth and startup initiatives, exploring how EuroGEO can better support new actors in the EO ecosystem. The afternoon is dedicated to recommendations from the Action Groups, discussing thematic R&I. These inputs will directly shape the EuroGEO Implementation Plan. The day ends with informal side meetings and networking.

08:00 - 09:00 Registration at World Forum The Hague

09:00 - 10:00 Scene setting. Research and innovation for the EO service sector

Room: Amazon

To set the tone for a day focused on translating research and innovation into real-world impact. The session will explore how research and innovation act as key drivers in scaling the uptake of Earth Observation (EO) across multiple sectors, including climate services, agriculture, urban planning, and emergency response. It will highlight the persistent gap between promising pilot projects and their transition to operational, market-ready services, and discuss strategies to overcome structural, technical, and financial barriers. The session will also introduce the core themes of Day 2 - enabling technologies, co-design of EO solutions, data access and governance - and explain how these align with the EuroGEO Implementation Plan and Europe's policy priorities, including the Green Deal, digital transformation, and resilience strategies.

Speakers

- Lefteris Mamais, Evenflow
- Mark Dowell, European Commission's Joint Research Center (JRC)
- Michel Rixen, European Commission, DG DEFIS
- Haris Kontoes, National Observatory of Athens (NOA)

Keynote

- Joanna Drake, European Commission, DG RTD

10:00 - 11:00 Future EO: Youth, Startups & Innovation Showcase

Room: Amazon

Integrating Earth Observation (EO) into policy and society requires novel perspectives, bold approaches, and the development of inclusive innovation ecosystems.

Across Europe, a growing community of young professionals, early-stage entrepreneurs, and dynamic innovation networks is actively developing EO-based solutions that address pressing societal and environmental challenges. However, the question remains: how can we fully harness their potential?

This roundtable session will examine the role of EuroGEO in supporting the next generation of EO innovators. It will explore how EuroGEO, as a forum for coordinating policy and programme activity at national and European level, can serve as a strategic enabler, facilitating the growth, scaling, and sustainability of youth- and startup-driven EO initiatives.

The discussion will highlight successes, key challenges and unmet needs faced by emerging EO actors, with the aim of identifying actionable measures that can be integrated into the EuroGEO Implementation Plan to better support future innovation, collaboration, and impact.

Facilitator

- Graham Turnock, Eurisy

Speakers

- Jakko de Jong, Spheer
- Andrei Bocin-Dumitriu, DotSpace
- Stanisław Lewiński, Space Research Centre of The Polish Academy of Sciences
- Kim Regnery, Space Generation Advisory Council

Guests

- Renata Michalczuk, teacher,
- Sławomir Filipiuk, teacher,
- Martyna Michałowska, student,
- Michał Bednarek, student.

11:00 - 11:30 Morning break and Poster viewing

11:30 - 13:00 Prospective R&I - Copernicus SRIA (Parallel Sessions)

This session invites participants to engage in parallel discussions aligned with the Copernicus Strategic Research and Innovation Agenda (SRIA). Each Parallel session will explore how the EuroGEO community can contribute to advancing R&I priorities. The objective is to identify concrete community contributions, strategic partnerships, and synergies with EU and national initiatives. Outcomes should feed into the EuroGEO Implementation Plan, guiding future coordination, investment, and operational efforts across the EO value chain.

- What concrete contributions can the EuroGEO community make to support the Copernicus SRIA priorities?
- What partnerships, initiatives, or projects should be mobilised or created?
- What synergies are possible between national, European, and global efforts?
What operational and governance mechanisms are needed to scale and mainstream innovations?

Parallel 1. AI for Earth Intelligence

Room: Amazon

The session will be on the topic of *AI for Earth Intelligence* and will bring together four speakers working in Earth Observation and AI, with a slant towards Earth system and climate modelling as examples of front-runner application domains. The speakers will cover international organisations, the private sector, NGOs and research, and link to European projects and programmes such as Horizon Europe and Destination Earth.

The session will begin with 10-minute flash presentations with each speaker, followed by a 30-minute panel based around structured discussion points. The last 15 minutes are reserved for audience questions and interactions.

Speakers will be asked to present their organisation and relevant project and will be informed of the discussion points in advance, so they could potentially address these in their presentations as well as in the panel.

Moderator

- Vincent-Henri Peuch, European Centre for Medium-Range Weather Forecasts (ECMWF)

Speakers

- Mihajela Črnko, International Research Centre on Artificial Intelligence (IRCAI, under the auspices of UNESCO)
- Sara Hahner, European Centre for Medium-Range Weather Forecasts (ECMWF)
- Lisa Broekhuizen, Arthur van der Meer, Space4Good
- Tomislav Hengl, OpenGeoHub Foundation, Open Earth Monitor project

Parallel 2. Empowering Europe's competitiveness through in-situ data

Room: Kilimandjaro

This session will explore the pivotal role of in-situ data in enhancing Europe's competitiveness, with a focus on its strategic application across research, innovation, and operational Earth observation (EO) programmes such as Copernicus. Following an introduction by the European Environment Agency (EEA), three key dimensions will be presented: an overview of research and innovation projects developing in-situ technologies for hard-to-reach or under-sampled areas; the long-term perspective of Research Infrastructures (RIs); and the implementation of the EU High-Value Datasets Regulation by the European public sectors, which is expected to significantly expand the open availability of essential in-situ observations and data. Speakers from the research, academic, and public sectors will illustrate how in-situ data is being applied in practice and its potential for broader, scalable impact.

The session will conclude with a panel discussion bringing together project leaders, industry experts, and Member State representatives to consider how coordinated in-situ data efforts can drive innovation and economic growth in an increasingly complex and competitive global landscape. The discussion aims to produce actionable recommendations to guide the planning of future EO activities, including within the next Multiannual Financial Framework (MFF), and to support the development of effective routes to market. These outcomes are also intended to contribute to strengthening the in-situ components of key European and international initiatives, including the Group on Earth Observations (GEO), the Copernicus programme, and the EC-ESA Earth System Science Initiative—acknowledging the critical need for robust in-situ observation networks as a complement to space-based systems. Together, these insights will help define a unified European strategy to fully leverage in-situ data for digital transformation, environmental sustainability, and long-term competitiveness.

Moderator

- Jose Miguel Rubio and Jean-Philippe Aurbout, European Environment Agency (EEA)

Part 1: Presentations from the research, academic, and public sectors will illustrate how in-situ data is being applied in practice and its potential for broader, scalable impact.

Speakers

- Mikhail Sofiev, Finnish Meteorological Institute (FMI)
- Marlies van der Schee, Royal Netherlands Meteorological Institute (KNMI)
- Eija Juurola, Aerosols, Clouds, and Trace gases Research Infrastructure (ACTRIS)

Part 2: Project leaders, industry experts, and Member State representatives consider how coordinated in-situ data efforts can drive innovation and economic growth in an increasingly complex and competitive global landscape.

Speakers

- Usue Donezar, European Environment Agency (EEA)
- Mark Noort, HCP International
- Jeroen Degerickx, Flemish Institute for Technological Research (VITO)
- Steven Allen, ICEYE Oy

Parallel 3. Infrastructure, Standards & Interoperability

Room: Everest 1

Europe is deploying several infrastructures such as GDDS, EOSC, DestinE, etc. EuroGEO should promote the adoption of common standards to facilitate data sharing, discovery, reuse, and integration across various European Earth Observation initiatives. Standardization efforts address metadata, data formats, quality requirements, and data curation processes to ensure that in-situ and remote sensing data are interoperable and conform to user needs aligned with environmental and climate policy goals.

In addition EuroGEO should include in its mission the promotion technical, semantic, and organizational interoperability to enable seamless data exchange and integration across multiple platforms and stakeholders. EuroGEO supports the GEO DS-DMP principles and stimulate that the action groups work to harmonize efforts and encourage interoperability to maximize the use of Earth observation data across Europe and within GEO global networks.

Discussions

- APIs, semantics, GEO DS-DMP, standards
- Interoperable cloud native datasets
- Green Deal Data Space and INSPIRE
- DestinE and data lakes
- European Open Science Cloud
- GEO Infrastructure

Moderator

- Joan Maso, Institute of Electrical and Electronics Engineers (IEEE)

Speakers

- Piotr Zaborowski, Open Geospatial Consortium Europe (OGCE)
- Tom Hengl, OpenGeoHub
- Mark Dietrich, Bloodstone Consulting
- Danaele Puechmaille, European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT)
- Kaori Otsu, Centre for Ecological Research and Forestry Applications (CREAF)
- Paola de Salvo, GEO Secretariat

Parallel 4. Beyond EO: driving action and delivering value with integrated Earth Intelligence

Room: Everest 2

Understanding the value and socio-economic benefits of Earth Intelligence and EO-based solutions is not necessarily easy, but crucial in order to ensure the societal relevance and long-term continuity of these solutions. Through different projects and initiatives, this session will aim to explore how EO is creating impact, supporting policy and sustainable development. It will also explore a set of tools designed to support impact assessment and discuss needs in this area.

Moderator

- Geoff Sawyer, European Association of Remote Sensing Companies (EARSC), GEO VALUE

Speakers

- Thomas Kemper, European Commission's Joint Research Center, GEO Human Planet
- Sry Handini Puteri, United Nations Food and Agriculture Organisation (FAO)
- Antonella Passani, T6 ecosystems

13:00 - 14:00 Lunch

14:00 - 17:15 EuroGEO Action Group Recommendations for the EO Downstream Sector (Parallel Sessions)

To present and discuss the key R&I priorities for the downstream EO sector within each Action Group's domain, based on preparatory work done in advance. Each group will contribute directly to the EuroGEO Implementation Plan through a structured 2-pager.

It is recommended for the Action Groups to be co-chaired with the corresponding Copernicus Service. The session should include a presentation from the Copernicus Service and a feedback / discussion on the evolution of Copernicus Services.

14:00 - 15:15 Round I: Agriculture, Biodiversity, Climate, Urban

Title	Chairs & Co-Chairs	Room
Agriculture	• Stylianos Kotsopoulos, Neuralio	Kilimandjaro
Biodiversity, ecosystems and geodiversity (<i>See Annex 1</i>)	• Antonello Provenzale, CNR • Edyta Woźniak, CBK	Everest 1
Climate	• Kaisa Juhanko, FMI • Rakesh Hooda, FMI • Ali Arslan, FMI	Everest 2
Urban (<i>See Annex 1</i>)	• Nektarios Chrysoulakis, FORTH • Iphigenia Keramitsoglou, NOA • Evangelos Gerasopoulos, NOA	Amazon

15:15 - 15:45: Break and Poster viewing

15:45 - 17:15 Round II: Disasters/Health, Energy, Land Intelligence, Green Deal Data Space

Title	Chairs & Co-Chairs	Room
Disaster Resilience and Health (See Annex 2)	• Haris Kontoes, NOA	Everest 1
Energy (See Annex 2)	• Thierry Ranchin, Mines Paris PSL • Rizos-Theodoros Chadoulis, NOA	Everest 2
Green Deal Data Space (See Annex 2)	Joan Masó Pau, IEEE	Kilimandjaro
Land Intelligence for monitoring and enforcement of policy (See Annex 2)	• Stanislaw Lewiński, CBK • Conrad Bielski, Riscognition	Amazon

17:15 - 18:15 Technical sessions (Parallel sessions)

Parallel 1: Communication at the Heart of EuroGEO: Shaping a Connected and Collaborative EO Ecosystem

Room: Amazon

Communication is not just a support function — it is a catalyst for connection, collaboration, and impact. At its core, the Earth Observation community is a diverse and multidisciplinary network, encompassing scientists, data providers, technologists, policymakers, private sector innovators, educators, media and civil society. However, this diversity can also lead to fragmentation: different actors may operate separately, speak different "languages" (scientific, technical, policy), or be unaware of each other's efforts and breakthroughs.

This session aims to explore the central role of strategic communication in building a vibrant, inclusive and collaborative EO community by uniting this ecosystem and creating shared understanding, common goals, and a sense of collective identity and purpose.

It will also showcase how an open EuroGEO connects and unites, helping to amplify the visibility of Europeans' EO's contributions to solving pressing societal challenges - from climate resilience to sustainable development. Our guest speakers — representing key actors across the EO landscape — will share their experiences and insights, on best communication practices.

Join us for an interactive and thought-provoking discussion on how communication is shaping the future of EuroGEO - making it more connected, collaborative, and impactful.

Moderator

- Aspasia Trevlaki, Communication and Dissemination Specialist, National Observatory of Athens

Speakers

- Marina Guillen, European Commission, DG RTD
- Jasper Wamsteker, Netherlands Space Office (NSO)
- Alexandre Brecher, iClimateAction Project
- Hans van Leeuwen, PCP-WISE project
- Alan Mandrillon, SPACE4Cities & VALORADA projects

Parallel 2: EuroGEO as a Bridge: Connecting Research, Private Sector, and Policy for Sustainable Impact

Room: Kilimandjaro

This session will examine the importance of EuroGEO as a platform to bridge scientific and EO private sector communities, ensuring that EO private sector data and services are accessible to and support European research, and that research outcomes are transformed into operational solutions supporting European and global policy priorities, including the Sustainable Development Goals. The discussion will focus on:

- **Bridging communities:** Facilitating collaboration between research/ academia and the private sector, highlighting different perspectives and aligning with the SRIA.
- **Operationalisation challenges:** Moving from research outcomes to integrated, usable solutions for end users and policymakers.
- **Integration of research outcomes:** Ensuring scientific solutions are effectively embedded into policy and societal applications.
- **Mutual benefits and reuse:** Exploring how both communities can generate shared benefits, including commercial opportunities and contributions to sustainable development (e.g., SDGs-Eyes).
- **Role of the private sector:** Identifying who provides information to reporting parties and how research and services can contribute.
- **Access to data:** Addressing the need to facilitate data access for research applications, including the relevance of high-resolution data for SDG monitoring.

Moderator

- Tanya Walker, European Association of Remote Sensing Companies

Speakers

- Anica Huck, European Space Imaging
- Luis Filipe Lages, NOVA School of Business & Economics
- Fiona Smith, Statistics Netherlands
- Maude Perier-Camby, vorteX-io

Parallel 3: European Caucus meeting (CLOSED)

Room: Everest 1

Meeting restricted to the GEO (European Caucus) High Level Working Group

Parallel 4: Marine and Coastal Action Group

Room: Everest 2

Moderator

- Ghada El Serafi, DeltaRES

18:15 Cocktail Reception (World Forum)

Sponsored by the Netherlands Space Office (NSO)

Day 3 - Wednesday 15 October: National GEOs & Implementation

The final day turns to national coordination and implementation. Starting with an official segment from the Netherlands, the sessions explore how EuroGEO can support countries in organizing their contributions to GEO and increasing the uptake of Earth Intelligence, through enhance coordination, governance structures, joint action plans, and stakeholder engagement. Examples from across Europe shed light on best practices and potential improvements. The National GEO session features national space capabilities in the Netherlands, strong partnerships and real-world applications. In the afternoon, a closing session brings together insights from Action Groups and Member States, helping shape the next steps of the EuroGEO Implementation Plan and reaffirming Europe's role in the global GEO community.

08:30 - 09:30 Registration at World Forum The Hague

09:30 - 09:50 Opening

Room: Amazon

High-level opening the national segment; presenting plans and activities for Earth Intelligence and foreseen contributions to EuroGEO and GEO.

Welcome statements

- Afke van Rijn (DG, Ministry of Infrastructure and Water Management) and Harm van de Wetering (director, Netherlands Space Office)

9:50 - 10:50 National Engagement in EuroGEO

Room: Amazon

This two-part session explores how national initiatives are shaping the coordination and uptake of Earth Observation. This session explores how national initiatives are shaping the coordination and uptake of Earth Observation first within the EuroGEO framework and then in the broader context of GEO. The discussion will highlight the role of Member State representatives, such as those from Germany and the Netherlands, also actively contributing to the coordination of Earth Observation at national, European and global levels.

The discussion will examine how European initiatives such as Copernicus and Horizon Europe are driving national-level EO coordination and uptake. Using examples such as ECMWF's uptake strategy, the session will address the role of national governance structures, including National Contact Points, in aligning national efforts with EuroGEO. Representatives from National GEO will share experiences and good practices in organizing their GEO efforts, engaging stakeholders, and aligning priorities with both European and global GEO agendas.

Moderator

- Emmanuel Pajot, European Association of Remote Sensing Companies (EARSC)

Speakers

- Cristina Ananasso, European Centre for Medium-Range Weather Forecasts (ECMWF)
- Coco Antonissen, Netherland Space Office (NSO)
- Jens Danzeglocke, German Aerospace Center (DLR)
- Sara Venturini, GEO Secretariat

10:50 - 11:20 Morning break and Poster viewing

11:20 - 12:00 National GEO for the Netherlands

Room: Amazon

“Earth intelligence for all” is the title of the post-2025 strategy. Three aspects are important here. Satellites are associated with space, but looking at the Earth, to help tackle real-life challenges. “Intelligence” points at the move from data to information to intelligence that GEO has gone through, with the aim to support informed decision-making. And “for all” indicates that the work of GEO is for the benefit of society as a whole. To help achieve this, more attention is given to the establishment of national GEOs. The national GEO for the Netherlands is such an example. The objective of this session is to help formulate how GEO for the Netherlands (GEO Netherlands) can support the goals of GEO, making use of specific Dutch expertise and also addressing issues that are of particular relevance to the Netherlands. The theme of this session is “how to get from research to operations”, as this is considered one of the main gaps in Earth observation applications that can be bridged with the help of GEO Netherlands.

Moderator

- Mark Noort (moderator), HCP international

Speakers

- Lianne Wilmink, Ministry of Infrastructure & Water Management
- Elena Spolidoro, Ministry of Agriculture, Fisheries, Food Security and Nature
- Eric van Valkengoed, TerraSphere
- Kees van Duijvendijk, Netherlands Space Office

12:00 - 13:00 Lunch

13:00 - 16:00 Parallel Sessions - Space Applications: from research to operations

13:00 - 14:15 Parallel 1: Water management

Room: Amazon

There are many challenges pertaining to water management, including increasing demand, climate change, deteriorating environmental conditions, decreasing water availability, decreasing water quality and increased risks, such as floods, droughts and salinisation. The Netherlands has always been strong in knowledge and innovation in relation to water resources management. This session focuses on how Earth observation, ranging from in situ measurements to satellite data, helps improve water management, with examples from the Netherlands.

Speakers

- Nick van de Giesen, Delft University of Technology
- Marit Van Oostende, VU
- Annelies Hommersom, WaterInsight
- Han, Qianqian, University Twente
- Evelyn Aparicio Medrano, FutureWater
- Bram Schnitzler, HydroLogic
- Lianne Wilmink, Ministry of Infrastructure & Water Management
- Ype van der Velde (VU)
- Zeng, Yijian, University Twente

13:00 - 14:15 Parallel 2: Soil management

Room: Everest

Earth Observation is playing an increasingly important role for the monitoring of soil degradation, soil health, planning better soil management but also for monitoring soil ecosystem services including soil carbon sequestration. Some key indicators of soil health include: (1) Presence of soil pollutants, excess nutrients and salts; (2) Soil organic carbon stock; (3) Soil structure including soil bulk density and absence of soil sealing and erosion; (4) Soil biodiversity; (5) Soil nutrients and acidity (pH); (6) Vegetation cover; (7) Landscape heterogeneity, and (8) Forest cover. Sentinel 1/2 satellite images, Landsat and similar can be used to quantify bare surface soil, tillage intensity, even bare surface spectra, and then used to predict key dynamic soil properties such as soil carbon, soil nutrients, soil pH, water content and salinity. Digital Terrain modeling is used to simulate hydrological and soil forming processes. The speakers are world leaders in producing and distributing soil information and making sure soil information is used across borders. The discussion panel will focus on how to turn EO products into operational soil management monitoring systems.

- Introduction to the session and objectives
- SoilSuite: pan-EU and global soil monitoring products based on Copernicus Sentinel
- Dynamic soil property mapping 2000–2024 using spacetime Machine Learning vs process-based modeling
- GeoLDN national and regional projects
- How can EO data directly help improve soil management?

Moderator

- Tom Hengl, OpenGeoHub

Speakers

- Paul Karlsrufer, DLR
- Xuemeng Tian, OpenGeoHub
- Davide Consoli, OpenGeoHub
- Antje Hecheltjen, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Ingrid Stob-Jansen, Rijkswaterstaat

14:15 - 14:45 Coffee break

14:45 - 16:00 Parallel 1: Sustainable agriculture and food security

Room: Amazon

Feeding a growing population, doing so sustainably while taking into account the effects of climate change is an enormous challenge. This session focusses on the achievements of two initiatives that address this issue at different scales. The first is the GEO Global Agricultural Monitoring flagship (GEOGLAM), which monitors agricultural conditions and provides global yield estimations for four major crops. The second is the Geodata for Agriculture and Water programme (G4A), which facilitated the provision of satellite-based information for smallholder farmers to increase income, reduce costs and make them more risk-resilient.

- **Session overview** This session explores how Earth Observation (EO) applications are contributing to sustainable agriculture and food security, addressing the dual challenge of feeding a growing population while adapting to climate change. It brings together national and international perspectives to demonstrate the value of coordinated GEO initiatives and EO-based services.
- **Session objective** Highlighting the strategic value of investing in a National GEO initiative for policymakers and stakeholders, using proven models and successful collaborations as evidence. The session will also position Dutch partners—as key enablers of Earth Intelligence in support of national priorities such as food security, climate resilience, and innovation.

Moderator

Parya Pasha (ITC, University of Twente)

Speakers

- Jens Danzeglocke, German Aerospace Center (DLR)
- Andy Nelson, University of Twente
- Usue Donezar Hoyos, European Environment agency (EEA) [TBC]
- Anne-Sophie Doerfel, Federal Ministry for Digital and Transport Germany)
- Peter Hoefsloot, Hoefsloot Spatial Solutions
- Steven Wonink, eLeaf
- Evelyn Aparicio Medrano, Future Water

14:45 - 16:00 Parallel 2: Urban management

Room: Everest

Earth observation is widely used for urban management in the form of mapping, establishing data infrastructures and digital twins. This session explores how relevant EO applications can be integrated into operational services, with insights from research, industry and government perspectives. Focus will be on monitoring and managing subsidence in an urban environment, initiatives towards open data and algorithms and the establishment of urban digital twins for operational services.

Moderator

- Coco Antonissen, Netherlands Space Office

16:00 - 16:30 Closing Plenary

Room: Amazon

16:30 - 17:00 Drinks at the World Forum

Sponsored by the Netherlands Space Office (NSO)

Annex: EuroGEO Action Group Agendas (DAY 2 PM)

Round I: Agriculture, Biodiversity, Climate, Urban

Action Group Biodiversity, Ecosystems and Geodiversity

Session Chairs: CNR and CIMA Research Foundation, Italy

Programme

Opening Speech

Ivo Walsmit, Ministry of Foreign Affairs, The Netherlands

The strategic challenges

Antonello Provenzale, CNR and CIMA Research Foundation, Italy

Remote sensing and the whole-ecosystem approach

Edyta Wozniak, CBK PAN, Poland

EO and management challenges

Ivette Serral, CREAM, Spain

Monitoring wetlands to address EU policy needs using Earth Observation

Christelle Vancutsem, JRC, EU

Marine habitat suitability in a future climate

Anna Spinosa and Ghada El Serafy, Deltares, The Netherlands

Vegetation trend indicators for monitoring biodiversity responses to global change

Spyros Theodoridis, NOA, Greece

High resolution analytics and user uptake - a private sector view

Space4Good

Virtual Research Environments and LifeWatch ERIC

Christos Arvanitidis, LifeWatch ERIC, Spain

Urban Action Group

Session Chairs

- Nektarios Chrysoulakis, FORTH
- Iphigenia Keramitsoglou, NOA
- Evangelos Gerasopoulos, NOA

Programme

Welcome & Overview

Nektarios Chrysoulakis, FORTH

Presentation of the key points of the draft strategy document

Eleni Athanasopoulou, NOA

Tangible solutions supporting city workflows and reporting obligations

Luciano Concezzi, TEAMDEV

EO Private Sector perspective

Anica Huck, EUSI

General discussion

Evangelos Gerasopoulos, NOA

Conclusions

Iphigenia Keramitsoglou, NOA

Round II: Disasters/Health, Energy, Land Intelligence, Green Deal Data Space

Disaster Resilience and Health

This session will bring together the members of the EuroGEO Action Group Disaster Resilience and Health to discuss the key R&I priorities for the downstream EO sector within the Action Group's domain, including discussion on the evolution of Copernicus Services. The Action Group will contribute directly to the EuroGEO Implementation Plan, based on preparatory work done in advance and the feedback of this session.

Session Chair: Haris KONTOES, National Observatory of Athens (NOA) / BEYOND, Coordinator of the EuroGEO Action Group Disaster Resilience and Health

Programme

Key R&I priorities for the downstream EO sector - Presentation and panel discussion

Patrick MATGEN, Luxembourg Institute of Science and Technology (LIST)

Claudio ROSSI, Links Foundation

Maude PERIER CAMBY, VortEX-io

Mark HERRINGER, Healthsites

Alexia TSOUNI, NOA/BEYOND, EuroGEO Action Group Disaster Resilience pillar

Mariza KASKARA, NOA/BEYOND, EuroGEO Action Group Health pillar

Action Group Energy

Session Chair: Thierry RANCHIN (MINES Paris PSL) and Rizos-Theodoros Chadoulis (NOA)

Programme

Copernicus Energy Hub

Lefteris Mamais, Evenflow on behalf of Stijn Vermoote, ECMWF

Copernicus Climate Change Service

Vincent-Henri Peuch, ECMWF

CAMS Solar radiation service - overview

Thierry Ranchin, MINES Paris PSL on behalf of Yves-Marie Saint Drenan, MINES Paris PSL and Marion Schroedter Homscheidt, DLR

E-DREAM - Energy Droughts and Resource Energy Assessment in the Mediterranean

Rizos-Theodoros Chadoulis, National Observatory of Athens

Satellite-Derived Insights for Smarter Offshore Renewable Strategies

Pooja Mahapatra, Fugro

EuroGEO Action Group Strategy for the support of policy implementation

Thierry Ranchin, MINES Paris PSL

Action Group Green Deal Data Space

The Green Deal Data Space Action Group (GDDS-AG) is a collaborative forum within EuroGEO focused on developing the Green Deal Data Space (GDDS). The Action Group brings together researchers, technical experts, and policymakers from major EU-funded projects—most notably AD4GD, FAIRiCUBE, USAGE, B-Cubed and Great—to advance data harmonization, semantic interoperability, metadata standards, and governance approaches in support of the European Green Deal goals. Most of these projects soon end their activities, or have already been finalized, leaving SAGE as almost the only active project dedicated to the Green Deal Data Space.

The organization of the GDDS-AG in project members made sense but we would like to transition to an individual or organizational membership. We also would like to turn our focus to how the future GDDS that SAGE is starting to build can contribute to the benefit of the data collected with thematic action groups dealing with climate, pollution, biodiversity and the rest of topics relevant for the European Green Deal.

We will want to focus the discussions on that could be our contribution to the document called “EuroGEO Action Groups Recommendations for EuroGEO Implementation and EO SRIA evolution”

Session Chairs: Joan Maso Pau, IEEE

Programme

Introduction to the GDDS Action Group

Alba Brobia, Research Centre on Ecological and Forestry Applications (CREAF)

Data Space concept and the Great project roadmap

Mattia Santoro, National Research Council of Italy (CNR)

Progress on AD4GD and semantics

Raul Palma, Poznan Supercomputing and Networking Center

SAGE project approach to the GDDS

Mark Dietrich, Bloodstone Consulting

more4nature and CitiObs contribution to the GDDS

Joan Maso Pau, IEEE

Urban and pollution needs

Evangelos Gerasopoulos, National Observatory of Athens

Version Oct. 10th - 10:30AM

Biodiversity, ecosystems and geodiversity needs

Spyros Theodoridis,

Needs and socio-economic and societal benefits of weather and climate services

Kaisa Juhanko, Finnish Meteorological Institute (FMI)

Discussion: How to include the GDDS contributions in the “EuroGEO AGs Recommendations for EuroGEO Implementation and EO SRIA evolution”

Joan Maso Pau, IEEE

Action Group Land Intelligence for monitoring and enforcement of policy

Session Chairs: Stan Lewiński (CBK) and Conrad Bielski (Riscognition)

Programme

Barriers & Opportunities for EO for law enforcement

Coco Antonissen, Netherlands Space Office Programme Manager Space Applications & User Uptake

Case Study TerraVisie Space Surveillance: Automatic monitoring of soil displacement

Koen Meilink and Edo Loenen, S[&]T

Environmental Crime - Examples of EO Applications.

Stan Lewiński, Space Research Centre, Polish Academy of Sciences

Land Intelligence for War-Induced Damage Assessment and Compliance Monitoring in Ukraine

Nataliia Kussul, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" and University of Maryland

Collecting In-Situ training and validation data with experts and citizens for land cover, land use and environmental crimes.

Steffen Fritz, IIASA - International Institute for Applied Systems Analysis