

EuroGEO workshop 2021

Monday 20 September 2021, 10:00 - 12:00



"Welcome session"

Session chair: Isabelle Benezeth (French Ministry of Higher Education, Research and Innovation)

10:00	Claire Giry (General Directorate of Research and Innovation)	Welcome by France
10:10	Patrick Child (EC DG Research and Innovation)	Welcome by European Commission
10:20	Yana Gevorgyan (GEO Secretariat)	Welcome by the Group on Earth Observations
10:30	Isabelle Benezeth (Ministry of Higher Education, Research and Innovation)	Overview of the EuroGEO Workshop
10:35	Nancy Vermeulen (Founder Space Training Academy)	"The Sky is NOT our limit anymore"
11:05 - 11:15	<i>Coffee break</i>	
11:15	A fast-evolving space environment	
	Jolanda van Eijndthoven (EC DG Defence Industry and Space)	
	Juliette Lambin (Centre National d'Etudes Spatiales)	
	Simonetta Cheli (European Space Agency)	
11:30	Examples of France support to Earth observation	
	<i>Laurence Monnoyer-Smith (Centre National d'Etudes Spatiales)</i>	<i>Space Climate Observatory</i>
	<i>Marin Dacos (MESRI)</i>	<i>Data Policy and Open Science</i>
	<i>Selma Cherchali (Centre National d'Etudes Spatiales)</i>	<i>French Global EO policy</i>
11:55	Erwin Goor (EC European Research Executive Agency)	Session closing and wrap-up

EuroGEO workshop 2021

Tuesday 21 September 2021, 9:00 - 12:30: Demo session



"Advances made in EuroGEO to deliver user-oriented solutions"

Recently completed or about to be completed projects will showcase in four parallel sessions the solutions they have developed.

This session will close with an open discussion on the challenges in upscaling the services to pre-operational or operational modes, experiences in co-design and co-production, and feedback related to knowledge sharing especially related to GEOSS or the GEO Knowledge Hub.

Overall session

Session chairs: Thierry Ranchin (MINES ParisTech, France) - Erwin Goor (EC European Research Executive Agency)

09:00	Plenary session - intro
09:15 - 11:35	Four parallel sessions: Session 1 - Climate Session 2 - Land Session 3 - Platforms Session 4 - Hazards
11:35 - 11:45	<i>Coffee break</i>
11:45 - 12:30	Plenary discussion Feedback from the four parallel sessions Discussion

Session 1 - CLIMATE

Session chairs: Yves-Marie Saint-Drenan (MINES ParisTech, France) - Nicolas Fichaux (MINES ParisTech, France)

09:15	Saskia Buchholz and (German Meteorological service DWD, Germany)	e-shape pilot - Urban resilience to extreme weather
09:35	Nektarios Chrysoulakis (Forth, Greece)	CURE - Copernicus for Urban Resilience in Europe
09:55	Marcus Zanicchi (ECMWF, UK)	Climate Data Store (CDS)
10:15	Patrick Knöfel (Federal Agency for Cartography and Geodesy, Germany)	Digital Twin Germany
10:35	Susanne Weyand (German Aerospace Center, Germany)	e-shape pilot - High photovoltaic penetration at urban scale
10:55	Claudio Rossi (LINKS Foundation, Italy)	SAFERS - Structured Approaches for Forest Fire Emergencies in Resilient Societies
11:15	Pablo Ezquerro (Geological Survey of Spain, Spain)	e-shape pilot - Assessing Geo-hazard vulnerability of Cities and Critical Infrastructures
11:35 - 11:45	Coffee break before the plenary	

Session 2 - LAND

Session chairs: Sven Gilliams (VITO, Belgium) - Andy Nelson (University of Twente, Netherlands)

09:15	Nikolaos Bartsotas (NOA, Greece)	e-shape pilot - Resilient and Sustainable ecosystems including Agriculture and food
09:35	Rosa Araujo (Eurecat, Spain)	VITIGEOSS - Vineyard innovative tools based on the integration of EO services and in-field sensors
09:55	Andy Nelson (University of Twente, Netherlands)	e-shape pilot - Vegetation-Index Crop-Insurance in Ethiopia
10:15	Clarisse Kagoyire (National University of Rwanda, Rwanda) & Vagelis Oikonomopoulos (Draxis, Greece)	AfriCultuReS - Enhancing Food Security in African AgriCultural Systems with the support of Remote Sensing
10:35	Miriam Kosmale & Mikko Strahlendorff (FMI, Finland)	e-shape pilot - Harvester Seasons
10:55	Yvan Le Bras (French Museum of Natural History / PNDB Biodiversity e-infrastructure, France)	EBV operationalization pilot through the European Galaxy-E platform
11:35 - 11:45	Coffee break before the plenary	

Session 3 - PLATFORMS

Session chairs: Richard Moreno (CNES, France) - Lionel Menard (MINES ParisTech, France)

09:15	Michele Lazzarini (SatCen)	BETTER - Big-data Earth observation Technology and Tools Enhancing Research and development
09:35	Frank Annor (TAHMO, Kenya)	TWIGA - Transforming Water, Weather, and Climate Information through In Situ observations for Geo-Services in Africa
09:55	Lukas Mocek (Sensor.Community, Germany)	Sensor.Community
10:15	Uta When (IHE Delft, Netherlands / University of Gothenburg, Sweden)	WeObserve Cookbook
10:35	Bente Lilja Bye (BLB, Norway)	NextGEOSS and NextEOS community activity
10:55	Joan Maso (CREAF, Spain)	Geospatial User Feedback system
11:15	Kevin Ruddick (Royal Belgian Institute for Natural Sciences, Belgium)	Hypernets - A new hyperspectral radiometer integrated in automated networks of water and land bidirectional reflectance measurements for satellite validation
11:35 - 11:45	Coffee break before the plenary	

Session 4 - HAZARDS

Session chairs: Audrey Hasson (GEO Blue Planet EU Office) - Lillian Diara (Mercator Ocean International)

09:15	Lukas Pokorny and Katerina Sebkova (RECETOX, Czechia)	e-shape pilot - EO-based surveillance of POPs pollution
09:35	Lucia Mona (CNR-IMAA, Italy)	e-shape pilot - EO Data for Detection, Discrimination and Distribution (4D) of Volcanic ash
09:55	Patrick Matgen (LIST, Luxembourg)	e-shape pilot - Satellite Earth Observation-derived water bodies & floodwater record over Europe
10:15	Claire Dufau (CLS, France)	LITTOSCOPE - a satellite solution supporting coastal resilience
10:35	Marion Sutton (CLS, France)	e-shape pilot - Sargassum Detection for seasonal planning
10:55	Brian Jackson (Watertech, Australia)	Watersense - Making sense of the Water value chain in Australia
11:15	Alexia Tsouni (NOA, Greece)	Copernicus User Uptake - BEYOND - Floodhub
11:35 - 11:45	Coffee break before the plenary	

EuroGEO workshop 2021

Tuesday 21 September 2021, 14:00 - 16:00



Invited event “Technology transfer in the EO sector in Europe”

Session organised by the e-shape project

This webinar will introduce participants to key elements and concepts in the domains of knowledge and technology transfer.

14:00	Christian Hackl (European IP Helpdesk)	Technology Transfer
15:00	Lefteris Mamais (e-shape project - Evenflow)	Intellectual property and innovation in the Earth Observation sector – the case of e-shape’s IP and innovation office

The overall goal of the event is to raise awareness for the innovation and IP aspects related to commercialising EO product/services and provide best practices related to market entry. The addressees of the event include everyone in the EO sector with the intention of commercialising product/services, such as research institutions, autonomous researchers, start-ups and projects (especially research and innovation-focused). They are to be provided with general guidance on Technology transfer, including available support, technology screenings, risk management and licensing.

The second part of the webinar will look into the e-shape IIPO and discuss the innovation and IP guidance (under the form of passive or active support) the IIPO makes freely available to EO actors: both within the e-shape project, and to the broader EO ecosystem.

EuroGEO workshop 2021

Wednesday 22 September 2021, 10:00 - 12:30



"Implementing EuroGEO, new opportunities"

Session chair: Jean Dusart (EC DG Research and Innovation)

10:00	Jean Dusart (EC DG Research and Innovation)	Welcome and introduction to the session
10:05	From Horizon 2020 to Horizon Europe: new opportunities	
	Marjan Van Meerloo (EC DG Research and Innovation)	EuroGEO related topics in Horizon Europe
	Marjan Van Meerloo (EC DG Research and Innovation) and Doris Marquardt (EC DG Agriculture and Rural Development)	Candidate European partnership Agriculture of Data
	Cristina Ananasso (EC DG Defence Industry and Space)	Copernicus related topics in Horizon Europe
10:25	H2020 last call initiatives addressing GEO engagement priorities: Integrated GEOSS climate applications to support adaptation and mitigation measures of the Paris Agreement	
	Julia Nerantzia Tzortzi (Politecnico di Milano)	Harmonia project
	Kostas Naskou (Institute of Communication and Computer Systems)	Eiffel project
10:50 - 11:00	<i>Coffee break</i>	

11:00	Pitch Session: introducing new players	
	Martijn Seijger	Ground station.dot Space
	Emmanuel Mondon	Space Cooperative Europe SCE
	Julia Röhrig (DLR)	FPCUP project overview
	Frédéric Adragna (CNES)	Selected actions on FPCUP France
	Alberto Troccoli (University of East Anglia) & Laurent Dubus (RTE-France)	World Energy Meteorological Council
	<i>Christophe Jacob (WMO)</i>	<i>WMO and GEO</i>
11:30	Bringing new opportunities and actors to EuroGEO	
	<i>Pier-Giorgio Zaccheddu (BKG Germany)</i>	<i>UNGGIM:Europe and EuroGEO</i>
	<i>Audrey Hasson (GEO Blue Planet EU Office)</i>	<i>UN Decade on Ocean and Blue Planet</i>
	<i>Michael Karcher (Alfred Wegener Institute) on behalf of Arctic PASSION</i>	<i>Arctic PASSION - Arctic Observing System of Systems, Implementing Observations for Societal Needs</i>
	<i>Roya Ayazi (NEREUS)</i>	<i>EO Solutions for regional and local communities</i>
12:10	<i>Open discussion, moderated by Jean Dusart (EC DG Research and Innovation) and Thierry Ranchin (MINES ParisTech)</i>	<i>Identifying new opportunities and areas to explore</i>
12:30	Jean Dusart (EC DG Research and Innovation)	Session closing and wrap-up

EuroGEO workshop 2021

Thursday 23 September 2021, 13:30 - 15:45



"EuroGEO Evolution"

Session chair: Massimo Craglia (EC DG Joint Research Centre)

13:30	Massimo Craglia (EC DG Joint Research Centre)	Welcome and introduction to the session
13:35	Jean Dusart (EC DG Research and Innovation) and Thierry Ranchin (MINES ParisTech)	EuroGEO State of play and planned evolution (presentation and discussion)
13:50	Mark Dowell (EC DG Joint Research Centre)	EuroGEO and the EC Knowledge Centre on Earth Observation
14:00	Panel Discussion: Linking EuroGEO to other Regional Initiatives, chaired by Marjan Van Meerloo (EC DG Research and Innovation) AfriGEO (Phoebe Oduor - RCMRD) AOGEO (Xingfa Gu – CASI) AmeriGEO (Angelica Gutierrez – NOAA) EuroGEO (Jose Rubio - EEA) Wenbo Chu (GEO Secretariat)	
14:45 - 14:55	<i>Coffee break</i>	
14:55	Discussion: Anchoring EuroGEO to the GEO Work Programme and the GEOSS infrastructure	
	Evangelos Gerasopoulos (National Observatory of Athens)	Resilient Cities and Human Settlements: a new engagement priority for GEO
	Ulf Mallast, Michael Mirtl, Nestor Fernandez	EO supported Biodiversity and EBV operationalisation
	Amanda Regan (European Space Agency)	Earth Science ESA/RTD Cooperation: towards a Science Plan in support to Destination Earth
	Massimo Craglia/Stefano Nativi (EC DG Joint Research Centre)	EuroGEO in a revised GEOSS infrastructure setting
15:40	Isabelle Benezeth (Ministry of Higher Education, Research and Innovation)	Conclusions of the workshop
	Philippe Tulkens (DG Research and Innovation)	
15:45	Jean Dusart (EC DG Research and Innovation)	Closing the workshop

