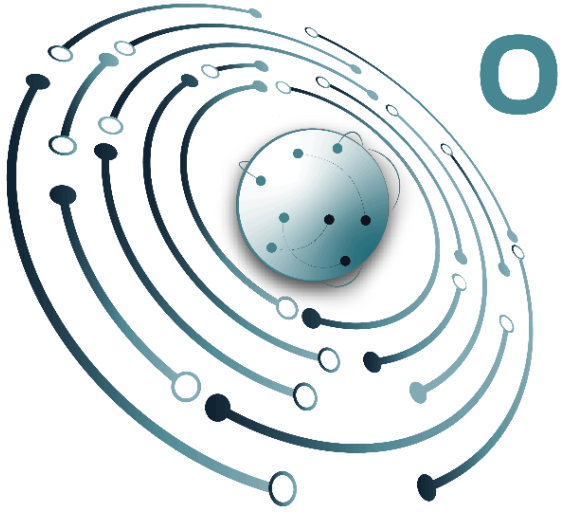

Open-Earth-Monitor GLOBAL WORKSHOP 2025

-PROGRAM -

Day 1: Wednesday, September 17, 2025

Time	Aula Magna *(Keynote and oral talks)*	Aula 2 *(Workshops)*
8:30 - 9:00	**REGISTRATIONS**	
9:00 - 9:30 9:30 - 10:00 10:00 - 10:30	**"Introduction to the OEMC Project"** by Tomislav Hengl — **Keynote: "Evolving FAIR and Open Earth Observations in the Technology-Science-Policy Nexus"** by Martin Herold — **"Keynote"** TBC	
10:30 -11:00	**COFFEE BREAK**	
11:00 - 11:20	**"Adapting the Planetary Health Index framework to sub-national scale for Europe" -** Gregory Duveiller	
11:20 - 11:40 11:40 - 12:00	**"Evolution of the Copernicus Land Monitoring Service (EvoLand) – project, results and public dissemination"** by Daniel Thiex — **"Assessing Climate Change Risk for the Private Sector: A Geospatial Approach Using OpenEarthMonitor in the European Reinsurance Sector"** by Codrina Maria Ilie	
12:00 - 13:30	**LUNCH BREAK**	
13:30 - 13:50	**"A UNIFIED TOOL TO ACCESS FLUX TOWERS DATA**	**Workshop 90': "Accessing Big Satellite LiDAR**

13:50 - 14:10 14:10 - 14:30 14:30 - 14:50	**WORLDWIDE: THE FLUXNET SHUTTLE"** by Simone Sabbatini — **"Monitor-EO: an online tool for monitoring and evaluating impacts on land resources and ecosystems from restoration activities"** by Lorenzo De Simone — **"Transfer Learning as a Solution for the Large Areas Classification Dilemma"** by Gilberto Camara, Felipe Carvalho — **"EuroGEO Green Deal Data Space Action Group - interoperability of forest monitoring data at regional, national, European, and global scales"** by Kaori Otsu	**from** **Cloud"** by Yu-Feng Ho
15:00 - 15:30	**COFFEE BREAK**	
15:30 - 15:50 15:50 - 16:10 16:10 - 16:30 16:30 - 16:50	**"A framework of federal global ensemble digital terrain model"** by Yu-Feng Ho — **"Global soil carbon and soil pH predictions for 2000-2024 at 30-m based on spatiotemporal Machine Learning and harmonized legacy soil samples and observations"** by Tom Hengl — **"High-Resolution Global Maps of Cocoa Farms Extent"** by Robert Masolele — **"Towards the Development of a Serbian Ground Motion Service (GMS-Serbia) Using Sentinel-1 InSAR Data: Necessity, Opportunities, and Future Directions"** by Miloš Basarić	**Workshop 90':** **"Multi-language support for image time series analysis using SITS"** by Gilberto Camara

17:00-19:00	**POSTER SESSION / NETWORKING (AULA 3)** **“Bridging communities: How open source geospatial software stays relevant in science, policy, and industry”** by Codrina Maria Ilie — **“From Dry to Desiccated: A New Paradigm for Flash Drought Monitoring over India”** by VAIBHAV KUMAR — **“Improving the Reconstruction of the Hydrological Cycle through Satellite Observations: The Case Study of the Po River Basin”** by Sindhu Kalimisetty — **“Air Quality Assessment at Regional Scale: How reliable is Low-Cost-Sensor Data for High-Resolution Spatiotemporal Prediction?”** by Johannes Heisig — **“Using Jensen-Shannon distance to better understand the role of landscape heterogeneity in the relationship between TROPOMI SIF product and Gross Primary Production” by** Daniel E. Pabon-Moreno — **“Incremental steps towards near-real time enhanced drought monitoring combining remote sensing and model-based soil moisture products”** by Jaime Gaona — **“Digital Public Infrastructure for Ecological Variables: An Indian approach to public service delivery meets global best practices for disseminating climate data”** by Trishal Kumar	

Day 2: Thursday, September 18, 2025

Time	Aula Magna *(Keynote and oral talks)*	Aula 2 *(Workshops)*
9:00 - 9:30 9:30 - 10:00 10:00 - 10:30	**Keynote: "Preventing Catastrophic Climate Change: The Role of In-Situ Data and Citizen-Collected Observations"** by Steffen Fritz — **Keynote: "Preventing Catastrophic Climate Change: The Role of In-Situ Data and Citizen-Collected Observations"** by Steffen Fritz — **Keynote: "Ten years of Advancing Forest Disturbance Monitoring with Sentinel-1 radar"** by Johannes Reiche	
10:30 -11:00	**COFFEE BREAK**	
11:00 - 11:20 11:20 - 11:40 11:40 - 12:00	**"Open Earth Monitor implementation on openEO"** by Dainius Masiliunas — **"Mapping Land Use Following Deforestation Across the Pan-Tropics with Sentinel Data" by Robert Masolele** — **"Toward a global scale runoff estimation through satellite observations: the STREAM model"** by Francesco Leopardi	
12:00 - 13:30	**LUNCH BREAK**	

13:30 - 13:50	**“Restoration at scale: Evaluating the progress of global restoration efforts using high spatial resolution time-series information of vegetation traits and indices”** by Felix Specker — **“Predicting future tree species suitability across Europe with harmonized forest data and climate ensembles”** by Carmelo Bonannella — **“Integration of Radar and Optical Data for Identifying Tropical Forest Disturbances”** by Gilberto Camara, Felipe Carvalho — **“Multi-source Fusion Framework for Statistical Downscaling of Global Monthly Precipitation”** by Mustafa Serkan Isik	**Workshop 90’: “Streamlining Snow Monitoring with openEO and CDSE”** by Valentina Premier
13:50 - 14:10		
14:10 - 14:30		
14:30 - 14:50		
15:00 - 15:30	**COFFEE BREAK**	
15:30 - 15:50	**“Developing Precipitation within Digital Twin Earth Hydrology – Leveraging the individual strengths of multiple products”** by Paolo Filippucci, Luca Ciabatta, Luca Brocca, Christian Massari — **“Assessing the Impact of Next Generation Gravity Missions on Precipitation Estimation over Europe”** by Muhammad Usman Liaqat — **“Leveraging Earth Observation to monitor the most impactful (yet unknown) human activity on the water cycle: irrigation”** by Jacopo Dari	**Workshop 90’: “Federal workflow to access GEDTM30, and improve it with airborne lidar”** by Yu-Feng Ho
15:50 - 16:10		
16:10 - 16:30		

16:30 - 16:50	— **“Remote Sensing based habitat maps as guide for optimal spatial allocation of Nature-based Solutions in agricultural areas”** by Lori Giagnacovo, Tijana Nikolic Lugonja, Branko Brkljač, Mirjana Radulovic	

Day 3: Friday, September 19, 2025

Time	Aula Magna *(Keynote and oral talks)*	Aula 2 *(Workshops)*
9:30 - 9:50	**“Advancing High-Resolution Drought Monitoring: Evaluating Remote Sensing Soil Moisture Products for Integration in OEMC Water Monitor”** by Eirini Trypidaki	
9:50 - 10:10	— **“From Soil Grids and Spectral Analysis to Soil Mineral Composition Estimates”** by Christophe Van Neste	
10:10 - 10:30	— **“Open and scalable soil erosion assessments: insights from Use Case 5 of the EO4EU project”** by Melissa Latella	
10:30 -11:00	**COFFEE BREAK**	
11:00 - 12:30	**Workshop 90’: “Federal workflow to access GEDTM30, and improve it with airborne lidar”** by Yu-Feng Ho	**Workshop 90’: “Satellite LiDAR Data in Support of Forest Biomass Mapping”** by Johannes Heisig, Milutin Milenkovic, Yu-Feng Ho, Maurizio Santoro

12:30 - 13:30	**LUNCH BREAK**	
13:30 - 14:00	**“Closing remark”** by Tomislav Hengl —	
END		