

Capacity building Workshop in Tunisia: EO and Copernicus data & services

Tuesday 28 November 2023 | 09:00-16:00 Tunisia time

An event that aims at the EO Capacity building in Tunisia, is being organized by the Operational Unit “BEYOND Centre of Earth Observation Research and Satellite Remote Sensing” of the National Observatory of Athens, in collaboration with PRAXI Network/FORTH, in Tunis on November 28, 2023. The event is being organized with the support of the Higher School of Communication of Tunis (SUP’COM) and the IEEE-GRSS Tunisia Chapter.

EO is a valuable tool for monitoring different facets of sustainable development, such as agriculture and food productivity, water management, air quality, clean energy and climate change. Specifically, during the event the Thematics of Soil Degradation and Water Resources will be introduced to relevant stakeholders in Tunisia, enhancing their knowledge acquired on the existing capacities, skills and needs.

The event will be hybrid. For online participation [registration is required](#) and physical presence is possible on personal invitation.

Stay tuned!

The event is being organized in the framework of the [FPCUP](#) (Caroline Herschel Framework Partnership Agreement) Project.



Agenda

08:30 – 09:00	Registrations
09:00 – 09:15	Opening Remarks Prof. Riadh Abdelfattah, SUP'COM
1st session: Soil degradation: what is the solution in the era of remote sensing and AI	
09:15 – 09:30	Operational Unit BEYOND/IAASARS/NOA & PRAXI Network/FORTH presentation Marietta Papakonstantinou, (Operational Unit BEYOND IAASARS NOA)
09:30 – 09:45	Introducing FPCUP: Objectives and Actions Dimitra Tsoutsou (PRAXI Network/FORTH)
09:45 – 10:00	Soil guard: “Sustainable soil Management to unleash soil biodiversity potential and increase environmental, economic and social Wellbeing”-HORIZON 2020. Dr. Nikos Stathopoulos, (Operational Unit BEYOND IAASARS NOA)
10:00 – 10:15	Soil conservation for sustainable agriculture in Tunisia Mohamed Chamsedine Harrabi, DG-ACTA, Ministry of agriculture
10:15 – 10:30	Elaboration tools to optimize natural resource exploitation using Remote Sensing in Tunisia Dr. Thouraya Sahli Chahed (CNCT)
10:30 – 10:45	Solo: “Soils for Europe” – HORIZON 2020 Dr. Nikos Stathopoulos (Operational Unit BEYOND IAASARS NOA)
10:45 – 11:00	Earth observation data for land degradation assessment in Tunisia Dr. Emna Kochlef (CNCT)
11:00 – 11:30	Q/A
11:30 – 12:00	Coffee Break
2nd session: Perspectives and innovation in water resources management	
12:00 – 12:15	Assessment of the groundwater quality status of the phreatic aquifer in Grombalia Tunisia) for irrigation using ordinary and indicator kriging methods Dr. Constantinos Panagiotou, Eratosthenes Centre of Excellence (remote)
12:15 – 12:30	The hydric and technological transition of the new paradigm of the EAU2050 strategy in Tunisia Prof. Yadh Zahar, Tunisian coordinator of EAU2050 strategy
12:30 – 12:45	Management, monitoring, treatment and valorization of conventional and unconventional water: innovative approaches Prof. Hakim Gabtni, Director of CERTE
12:45 – 13:00	Assessing the groundwater quality of El Fahs aquifer (NE Tunisia) using multivariate statistical techniques and geostatistical modelling Dr. Constantinos Panagiotou, Eratosthenes Centre of Excellence (remote)

13.00 – 13.15	<p>Integrated management for agricultural water resources within hilly rainfed Mediterranean agrosystems: characterizing crop allocation / succession</p> <p>Dr. Intissar Ferchichi for the Director of LMI-NAILA</p>
13.15 - 13.30	<p>Example of Training curriculum for geomatics in the Tunisian universities: Case of the MSE school</p> <p>Prof. Riadh Farah, Director of MSE</p>
13.30 - 13.45	Q/A
14.00 - 15.00	Lunch Break
15.00 - 16.00	<p>Future Steps, beyond state of the art</p> <p>Moderators : SUP'COM & Operational Unit BEYOND IAASARS NOA</p>