

T2: Near-Surface Geophysics

Room2	Saturday, November 8th, 2025	
	Chairs: Fetheddine Melki (Tunisia) / Leila Aliouane (Algeria)	
08:30 - 08:45	Application of electrical resistivity tomography (ERT) for Assessing seawater intrusion in Eastern Mitidja, Algeria	Nemer Zoubida
08:45 - 09:00	Structural origin of the Erroumi Lake in the Rommani-Khemisset Basin, North-Western Meseta, Morocco: Evidence from field and High-resolution Electrical Resistivity Tomography data	Ou Moua Said
09:00 - 09:15	3D Imaging Of Rock Masses To Improve The Recognition Of Clay Soils In Geotechnical Projects In Urban And Suburban Environments "A Case Study At The Ain Tin SITE, MILA ALEGRIA	Hamlaoui Mahmoud
09:15 - 09:30	3D Modeling of the Shallow Mio-Plio-Quaternary Aquifer in an Arid Region Using Borehole and Electrical Geophysical Data: Case Study of the Oued El Hjal Basin, Central Tunisia	Mosbahi Hazar
09:30 - 09:45	Combination of Vertical Electrical Sounding (VES) and Electrical Resistivity Tomography (ERT) techniques for hydrogeological reconnaissance in the Ribat El-Kheir plateau, Tabular Middle Atlas, Morocco	Fatah-Allah Nouredine
09:45 - 10:00	Contribution of electrical and seismic geophysics to the geotechnical characterization of soils prior to construction projects: a tool to support urban resilience (Abidjan, Cote d'Ivoire)	Bikpo Aime Marcel
10:00 - 10:15	Electromagnetic survey to constraints ore mining exploration in the South-East of Saghro inlier (Eastern Anti-Atlas, Morocco): application of frequency electromagnetic helicopter-borne method	Aafir Zineb
Coffee-Break ☕		
10:45 - 11:00	Geophysical (ERT) Imaging of Quaternary Alluvium in Siliana, Tunisia: Identifying Shallow Saturation Pathways to Protect Building Foundations	Dhaoui Mohamed
11:00 - 11:15	ERT-based assessment of soil and groundwater contamination near the closed Ouled Fayet landfill (Algiers)	Djadia Leila
11:15 - 11:30	Estimating deep soil salinity by inversion modeling of loop-loop frequency domain electromagnetic induction data in Semi-Arid Region Merguellil (Tunisia)	Allagui Dorsaf
11:30 - 11:45	Investigating surface-groundwater interactions using geophysical methods along the Oued El Hamiz, Eastern Mitidja, Algeria	Nemer Zoubida
11:45 - 12:00	eophysical Investigation of Karstic Limestone Using Electrical Resistivity Tomography, Benghazi plain, Libya	Bilal Awad
12:00 - 12:15	Contribution of Borehole data and vertical electric sounding to the characterization of the Oued El Kebir aquifer	Yaakoubi Sana
Room1	Sunday, November 9th, 2025	
	Chairs: Mohamed Dhaoui (Tunisia) / Nasim Halal (Algeria)	
08:30 - 08:45	Agrogeophysics for Sustainable Agriculture: ERT-Based Characterization of Soils Irrigated with Treated Wastewater in Semi-Arid Tunisia	Azaiez Hajer
08:45 - 09:00	Integrated geophysical and hydrogeological assessment of spatiotemporal gravitational instabilities in a North-Algerian Alpine hydraulic structure	Lamali Atmane
09:00 - 09:15	Geophysical study using electrical resistivity tomography of the northern area of Ouarzazate city (South-east of Morocco).	Elachgar Hamid
09:15 - 09:30	Geophysical mapping of serravallian–ortonian sandstone bars and clay formations in the Kamech basin	Hamrouni Mohamed
09:30 - 09:45	Increase of Soil Resistivity due to the presence of tree roots: A case study from Algiers city, Algeria	Boubaya Djamel
09:45 - 10:00		