

Oral Session

HALL A

Time	ID	ORAL SESSION HALL A
09:00		Opening Ceremony
09:20-10:00		Invited Speaker Nimisha VEDANTI (CSIR-National Geophysical Research Institute) Geological Carbon Storage in Seismically Active Regions: Risk & Responsibilities.
10:00		Opening of Exhibition Area
10:20-10:30		Tea/Coffee Break
		Panel: Indispensable Resources for High Technologies: The Future of Critical Minerals
10:30-12:30		Moderator: Leman Çetiner Head of Department, Ministry of Energy and Natural Resources of the Republic of Türkiye Panelists İbrahim Halil Kırşan President of the TOBB Turkey Mining Assembly & Executive Board Chairman of Çiftay Inc. Caner Zanbak Environmental Coordinator, Turkish Miners Association Mehmet Yılmaz President, Turkish Miners Association Hasan Yücel President, Gold Miners Association
12:30-14:00		LUNCH
		C1. Hydrogeophysics and Hydrogeological Studies for "Clean Water and Sanitation Chairperson: Ertan Pekşen, İsmail Kaplanvural
14:00-14:40		Invited Speaker YI SHEN China University of Petroleum Integrated Workflow for Time-Lapse Monitoring of CO2 Storage in Saline Aquifers.
14:40	C1-1	9340 - Integrated Geophysical Imaging of Aquifers in Ankara, Türkiye, Based on Electrical (DC Resistivity and IP) and Electromagnetic (Transient Electromagnetic and Audio-Magnetotelluric) Data Kürşat D. Erdağı (Ankara Metropolitan Municipality), N. Yıldırım Gündoğdu (Ankara University), M. Emin Candansayar (Ankara University)
15:00	C1-2	8183 - Case Studies of Electrical Method Applications in Geotechnical Investigations Cem Demirel (General Directorate of State Hydraulic Works), Mehmet Emin Candansayar (Ankara University)
15:20-15:40		Tea/Coffee Break
		B4. Geophysical and Geological Collaborative Studies for Natural Resources Explorations Chairperson: Veysel Işık, Pantelis Soupios
15:40	B4-1	3954 - General Outlook of the Turkish Mining Sector Fatih Büyük (Ministry of Energy and Natural Resources, Department of Natural Resources)
16:00	B4-2	6700 - Evaluating Biobased Material Absorption For Metal Capture In VMS Tailings Pantelis Soupios (TDS), Albiany Mantilla (King Fahd University of Petroleum & Minerals), Panagiotis Kirmizakis (King Fahd University of Petroleum & Minerals), Dimitris Kalderis (Hellenic Mediterranean University), Konstantinos Triantafyllidis (King Fahd University of Petroleum & Minerals), Altaf Albahe (Ministry of Oil Kuwait, Kuwait), Israa Abu-Mahfouz (King Fahd University of Petroleum & Minerals)
16:20	B4-3	6817 - Subsurface Characterization Using Ambient Noise Seismic and Gravity Measurements Pantelis Soupios (TDS), Panagiotis Kirmizakis (King Fahd University of Petroleum & Minerals), Maria Manakou (Aristotle University of Thessaloniki), Alexandros Stampolidis (Aristotle University of Thessaloniki)
16:40	B4-4	9146 - Geochemical and Isotopic Constraints on the Epigenetic Formation of the Edige Magnesite Deposit, Türkiye: Implications for the Genesis of Ultramafic-Hosted Carbonate Mineralization Sinan Akışka (Ankara University), Betül Koca (Ankara University), Elif Akışka (Ankara University), Zehra Karakas (Ankara University)
17:00	B4-5	1188 - Petrophysical Characteristics of Dingqing Chromite Deposit in Lalaka and Effectiveness Analysis of Geophysical Exploration Methods Ashraf Mohamed (Central South University), Rujun Chen (Central South University)

HALL B

Monday – 3 November 2025

Time	ID	ORAL SESSION HALL B
		Tea/Coffee Break
12:30-14:00		LUNCH
		B1. Using Drone-Based Geophysics for Mineral Exploration, Geotechnical Applications and Archaeological Surveys Chairperson: Michael Beeken, Volkmar Schmidt
14:00	B1-1	1860 - Semi-Airborne EM Exploration with Multicopter Platforms Michael Beeken (University of Münster)
14:20	B1-2	7555 - Drone-Borne Magnetic Surveys for Archaeological Prospection: Opportunities and Challenges Volkmar Schmidt (University of Münster)
14:40	B1-3	9429 - Multi-Scale Remote Sensing of Deformation in Slănic Salt-Karst Terrains, Romania Nastase Ilie Eduard (National Institute for Earth Physics), Uritescu Bogdan (National Institute for Aerospace Research "Elie Carafoli"), Necula Nicusor (Alexandru Ioan Cuza University of Iași), Petrescu Alexandra (National Institute for Earth Physics), Cerbu Bogdan-Mihai (National Institute for Earth Physics)
15:00	B1-4	1760 - UAV-Based Green LiDAR for Bathymetric and Archaeological Surveys in Romania Nastase Ilie Eduard (National Institute for Earth Physics), Iorga Ciprian (Skyline Drones), Lungu Alexandru (Skyline Drones), Eparu Stefan (Skyline Drones), Tataru Dragos (National Institute for Earth Physics)
15:20-15:40		Tea/Coffee Break
		C3. Earth Science and Civil Engineering Collaboration for Sustainable Cities Chairperson: Lucian Besutiu, Aysegül Askan
15:40	C3-1	6309 - PSO-Based Inversion of Synthetic Wenner-Schlumberger Data for Non-Destructive Characterization of Concrete and Reinforcement Parameters İsmail Kaplanvural (İstanbul Technical University), Elnur Gasimov (Kocaeli University), Ertan Pekşen (Kocaeli University)
16:00	C3-2	6330 - Application of the HVSR method for the analysis of the site effects and geo-risks "landslide", amplification of seismic waves in unstable areas. Constantine region; Algeria. Bengesmia Abdelmalek (CGS), Machane Djamel (CGS), Bensalem Rabeh (CGS), Oubaïche El Hadi (CGS), Bouchelouh Assia (CGS)
16:20	C3-3	4549 - Collaboration of Engineering Seismology and Earthquake Engineering Olga Erteleva (Russian Academy of Sciences)
16:40	C3-4	4235 - Seismic Hazard Assessment: Identifying Faults Evgeny Mavliaviev (Lomonosov Moscow State University), Olga Erteleva (Russian Academy of Sciences)
17:00	C3-5	6722 - Broadband and Stochastic Simulations of the 2023 Kahramanmaraş Earthquakes and Selected Scenario Events in Yalova and Bursa Çağlar Temiz (METU), Bartu Bilgen (METU), Aysegul Askan (METU)