

# 5th International Congress on Earth and Geological Sciences

**July 23-24, 2026 | Vienna, Austria**

## DAY-1 (July 23)

<b>09:00-09:30</b>	<b>Registrations</b>
<b>09:30-10:00</b>	<b>Opening Remarks</b>
<b>Keynote Presentation</b>	
<b>10:00-10:30</b>	<b>Health risk assessment to xenoestrogen through atmospheric PM2.5 particles: A case study in Suzhou</b>
	<i>Dr. Lei Han, Xi'an Jiaotong-Liverpool University, China</i>
<b>10:30-11:00</b>	<i>SLOT AVAILABLE</i>
<b>10:30-11:00</b>	<i>SLOT AVAILABLE</i>
<b>11:00-11:20</b>	<b>Group Photo</b>
	<b>Refreshment Break</b>
<b>Technical Session- I</b>	
<b>11:20-11:40</b>	<b>The role of humic substances in the amelioration of saline soils: mechanisms and affecting factors</b>
	<i>Prof. Maria De Nobili, University of Udine, Italy</i>
<b>11:40-12:00</b>	<b>Hydrocarbon Prospectivity within Interval “A” of the Villeta Formation in the Putumayo Foreland Basin</b>
	<i>Dr. Andre Revil, CNRS, France</i>
<b>12:00-12:20</b>	<b>Pinnipeds and avian influenza a global timeline and review of research on the impact of highly pathogenic avian influenza on pinniped populations with particular reference to the endangered Caspian seal (<i>Pusa caspica</i>) - 2024: An update 2026</b>
	<i>Prof. Guy Petherbridge, Caspian Centre for Nature Conservation, Russia</i>
<b>12:20-12:40</b>	<b>Identification of the mother body of a two-dimensional uniform vortex</b>
	<i>Prof. Giorgio Riccardi, University of Campania Luigi Vanvitelli, Italy</i>

12:40-13:00	<b>Assessing Climate Change Impacts on Low-Flow Extremes in small catchment in Croatia using the SWAT model</b>
	<i>Dr. Josip Janjic, Faculty of Civil Engineering and Architecture, Croatia</i>
13:00- 14:00	<b>Lunch @ Restaurant</b>
<b><i>Technical Session- II</i></b>	
14:00-14:20	<b>The Impact of Contemporary Climate Change on Groundwater Regimes in the Central Chernozem Region: A Case Study of the "Kamennaya Steppe" Nature Reserve</b>
	<i>Ms. Valeriia Vediashkina , Lomonosov Moscow State University, Russia</i>
14:20-14:40	<b><i>SLOT AVAILABLE</i></b>
14:40-15:00	<b><i>Environmental Penalty, Internal &amp; External Governance and Green Innovation, Does the Deterrence Effect Work?</i></b>
	<i>Dr. Ling Tang, Shenzhen Technology University, China</i>
15:00-15:20	<b><i>Seed Intelligence Environment (SIE): an evidence-linked AI workspace for practical seed-sector decisions</i></b>
	<i>Dr. Arnab Gupta, Wageningen University &amp; Research, Netherland</i>
15:20-15:40	<b><i>Brazilian Soils and their Suitability for Viticulture: An Analysis of the Main Producing Regions</i></b>
	<i>Dr. Joelma de Oliveira, Institute Federal de São Paulo (IFSP), Brazil</i>
15:40-16:00	<b>IP6: Soil to Seeds to Global Health</b>
	<i>Prof. AbulKalam Shamsuddin , IP-6 Research, Inc, USA</i>
16:00-16:20	<b>Refreshment Break</b>
16:20-16:40	<b><i>Aplication of Full Waveform Inversion - Q-Pre Stack Depth Migration Method in Seismic Reprocessing to Enhance Oil Production in a Mature Field, Offshore Northwest Java Block</i></b>
	<i>Mr. Normansyah, Pertamina Hulu Energi ONWJ, Indonesia</i>
16:40-17:00	<b>New frontiers in geothermal exploration thanks to large scale induced polarization and self-potential tomographies</b>
	<i>Dr. Andre Revil, CNRS, France</i>
17:00-17:20	<b><i>SLOT AVAILABLE</i></b>
<b>Day-1 Concludes</b>	

Pannel Discussions	
<b>DAY-2 (July 24)</b>	
<i>Technical Session- I</i>	
10:00-10:20	<b>Hydrocarbon Prospectivity within Interval “A” of the Villeta Formation in the Putumayo Foreland Basin</b> <i>Prof. Michael Zhuravkov, Belarusian State University, Belarus</i>
10:20-10:40	<b>Spatial Variability of Sea Level Change: Interactions Between Climate-Driven Rise, Land Subsidence and Urban Loading in Coastal Megacities</b> <i>Dr. Florent Pirot, Independent Researcher, France</i>
10:40-11:00	<b>The Effects of Thinning on Carbon and Nutrient Fluxes Input into Forest Floor via Litterfall in Black Pine Afforestation Sites</b> <i>Dr. Furkan Atalar, Research Institute For Forest Soil and Ecology, General Directorate of Forestry, Turkey</i>
11:00-11:20	<b>Group Photo</b> <b>Refreshment Break</b>
11:20-11:40	<b>The Perceived Impact of Climate Change on the Livelihoods of Smallholder Farmers in Kwazulu-Natal Province, South Africa</b> <i>Dr. Mbongeni, University of Venda, South Africa</i>
11:40-12:00	<b>Evolution of Mauritania’s Onshore and Offshore Hydrocarbon Discoveries: Current Status, National Significance, and Future Development Scenarios</b> <i>Dr. Bah Dahmane , Boumerdes University, Algeria</i>
12:00-12:20	<i>SLOT AVAILABLE</i>
12:20-12:40	<i>SLOT AVAILABLE</i>
12:40-13:00	<i>SLOT AVAILABLE</i>
13:00-13:50	<b>Lunch @ Restaurant</b>
13:50-14:05	<b>Poster Presentation</b>
P1	<b>Increase in supply potentials of Chinese agriculture under climate change</b> <i>Dr. Zhan Tian, SUSTech, China</i>

P2	<b>Soil fungal diversity under different production systems</b>
	<i>Ms. Fernanda , Universidad Nacional del Este, Paraguay</i>
P3	<b>SLOT AVAILABLE</b>
<b>Technical Session- II</b>	
14:05-14:25	<b>Subsidence Prediction Method with Asymmetry and Shape Flexibility: Applications in Salt Caverns for Sustainable Energy Storage</b>
	<i>Dr. Aleksandra Babaryka , Montanuniversität Leoben, Austria</i>
14:25-14:45	<b>Socioeconomic Determinants of Poverty Reduction among Irrigating Farmers in Mberengwa District, Zimbabwe</b>
	<i>Prof. Paramu Mafongoya , University of KwaZulu-Natal, South Africa</i>
14:45-15:05	<b>Estimation of the Geothermal Gradient at the Aguas de Vichy Hot Spring (Santander, Colombia) via Integration of Geological Data, Thermophysical Characterization, and 2D Conductive Modeling</b>
	<i>Ms. Melissa Salcedo , Universidad Industrial de Santander, Colombia</i>
15:05-15:25	<b>SLOT AVAILABLE</b>
15:25-15:45	<b>SLOT AVAILABLE</b>
15:25-15:45	<b>UPDATED SOON...</b>
<b>Closing remarks</b>	
<b>This is tentative agenda and subjected to changes. To book your slot, please reach us at <a href="mailto:jackharrison@unitedforum.uk">jackharrison@unitedforum.uk</a></b>	