

# 4th Global Summit on Climate Changes and Sustainability

## October 26-27, 2026 | Paris, France

### Tentative Agenda

#### DAY-1 (October 26, 2026)

|                        |                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00-09:30            | Registrations                                                                                                                                                                      |
| 09:30-10:00            | Opening Remark                                                                                                                                                                     |
| Technical Session - I  |                                                                                                                                                                                    |
| 10:00-10:25            | <i>Projecting the Potential Distribution of Rickettsia japonica in China and Adjacent Asian Regions Under Climate Change Using the MaxEnt Model</i>                                |
|                        | Wang Xiaoxu, Shandong University School of Public Health, China                                                                                                                    |
| 10:25-10:50            | <i>Modeling and Experimental Evaluation of Activated Biochars and Hydrochars for CO<sub>2</sub> Capture</i>                                                                        |
|                        | Dr. Ameni BEN SALAH Chemical and Environmental Engineering Department, University of the Basque Country, Spain                                                                     |
| 10:50-11:10            | Group Photo & Refreshment Break                                                                                                                                                    |
| 11:10-11:35            | <i>Projected Intensification of Urban Flooding in Antananarivo under Climate Change: RRI Modeling and Infrastructure Implications</i>                                              |
|                        | Andriantsitohara Attianna Fara, Nagasaki University, Bunky Campus, JAPAN                                                                                                           |
| 11:35-12:00            | <i>A Unified Design and Evaluation Framework for Liquid Rocket Engines Incorporating Environmental and Economic Tradeoffs</i>                                                      |
|                        | Cayden Yu Shi, Franklin Academy Research ScholarI, USA                                                                                                                             |
| 12:00-12:25            | <i>Bioremediation and stimulated liquid paraffin contaminated soil</i>                                                                                                             |
|                        | Dr. Ashref Elarayed, Glasgow Caledonian University, Libya                                                                                                                          |
| 12:25-12:50            | <i>Coastal Carbon Monitoring approach in Moroccan Atlantic : first pCO<sub>2</sub> and CH<sub>4</sub> Observations around Mogador Island (Essaouira)</i>                           |
|                        | Dr. EL FOUH FATIMA, Cadi Ayyad University, Morocco                                                                                                                                 |
| 12:50-14:00            | Lunch                                                                                                                                                                              |
| Technical Session - II |                                                                                                                                                                                    |
| 14:00-14:25            | <i>Nowhere to Cool: Uncovering Hidden Heat Stress in Kenya's Arid North</i>                                                                                                        |
|                        | Mr. CLINTON OGOLA, National Drought Management Authority, Kenya                                                                                                                    |
| 14:25-14:50            | <i>Safety Net Cash Transfers and Household Food Security as a Climate Adaptive Strategy in Rural Somalia</i>                                                                       |
|                        | Dr. Siham Abdi Musa, University of Hargeisa, Hargeisa, Somalia                                                                                                                     |
| 14:50-15:15            | <i>Novel Decision Framework Based on Fermatean Hesitant Fuzzy Rough information for Cleaner Production Evaluation in Gold Mines</i>                                                |
|                        | Dr. Attaullah, Department of Mathematics & Statistics, Pakistan                                                                                                                    |
| 15:15-15:40            | <i>Quantifying the Materials That Exist in Solar and Wind Generation Systems and Associated Transmission Systems in a Semi-Remote Australian Context</i>                           |
|                        | Dr. Leigh Kim Pham, Charles Darwin University, Australia                                                                                                                           |
| 15:40-16:00            | Refreshment Break                                                                                                                                                                  |
| 16:00-16:25            | <i>Soil types and degradation pathways in Saudi Arabia: A geospatial approach for sustainable land management</i>                                                                  |
|                        | Dr. Saif F. Alharbi, Manager of research planning and Implementation department, Saudi-Arabia                                                                                      |
| 16:25-16:50            | <i>Social Construction of Environmental issues on Relocating new Capital City in Indonesia</i>                                                                                     |
|                        | Dr. Dhita Mutiara Nabella, Institute of Sustainable Resources, University College, London                                                                                          |
| 16:50-17:15            | <i>Evaluating the Effectiveness of Environmental Impact Assessment in Flood-Prone Areas: A Systematic Review of Methodologies, Hydrological Integration, and Policy Evolution.</i> |
|                        | Dr. Phumzile Nxumalo, Environmental and Geographical Science, University of Cape Town, South Africa                                                                                |
| 17:15-17:40            | Slot Available                                                                                                                                                                     |
| 17:40-18:05            | Slot Available                                                                                                                                                                     |

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| Day -1 Conclude                                                                                                                                                     |                                                                                                                                                                                                                                               |
| Pannel Discussions                                                                                                                                                  |                                                                                                                                                                                                                                               |
| DAY-2 (October 27, 2026)                                                                                                                                            |                                                                                                                                                                                                                                               |
| Technical Session - I                                                                                                                                               |                                                                                                                                                                                                                                               |
| 09:00-09:25                                                                                                                                                         | <i>Individual and Combined Behaviors of Persistent and Emerging Pollutants in Sediments</i><br><b>Dr. Stefania-Adelina Milea</b> , Dunarea de Jos University of Galati, Romania                                                               |
| 09:25-09:50                                                                                                                                                         | <i>Transforming smallholder irrigation systems from dysfunctional to functional climate smart agricultural systems and integration into circular food systems</i><br><b>Dr. Henning Bjornlund</b> , Australian National University, Australia |
| 09:50-10:15                                                                                                                                                         | <i>Sustainable Finance: Shaping a Better World</i><br><b>Dr. Diana George</b> , Surrey University, United Kingdom                                                                                                                             |
| 10:15-10:40                                                                                                                                                         | <i>Studying the affinity of pharmaceutical substances to accumulate in the Danube River sediments</i><br><b>Dr. Valentina Andreea Calmuc</b> , Dunarea de Jos University of Galati, Romania                                                   |
| 10:40-11:00                                                                                                                                                         | Refreshment Break                                                                                                                                                                                                                             |
| 11:00-11:25                                                                                                                                                         | <i>Evidence of microplastic contamination in Alosa immaculata fish from the Lower Danube River</i><br><b>Prof. Madalina Calmuc</b> , Dunarea de Jos University of Galati, Romania                                                             |
| 11:25-11:50                                                                                                                                                         | <i>Comparative Study of Acid Mixtures for Sediment Digestion in TXRF: Focus on Heavy Metal Recovery and Accuracy</i><br><b>Dr. Nina-Nicoleta Lazar</b> , Dunarea de Jos University of Galati, Romania                                         |
| 11:50-12:15                                                                                                                                                         | <i>Removal of Phenol Red Dye from Polluted Water Using Sustainable Low-Cost Sewage Sludge Activated Carbon: Adsorption and Reusability Studies</i><br><b>Prof. Eid Hamed Alosaimi</b> , University of Bisha, Saudi Arabia                     |
| 12:15-12:40                                                                                                                                                         | <i>Responses of tropical forest soil organic matter pools to shifts in precipitation patterns</i><br><b>Dr. Feng Sun</b> , South China Normal University, China                                                                               |
| 12:40-13:05                                                                                                                                                         | <i>Soil Biotic Diversity Response to Precipitation changes with Implications for Soil Function Recovery</i><br><b>Dr. Rentao Liu</b> , Ningxia University, China                                                                              |
| 13:05-14:00                                                                                                                                                         | Lunch                                                                                                                                                                                                                                         |
| Technical Session - II                                                                                                                                              |                                                                                                                                                                                                                                               |
| 14:00-14:25                                                                                                                                                         | <i>Railway Tourism and Sustainability: The Case of the Vouga Historic Train in Águeda</i><br><b>Dr. Eunice Duarte</b> , Polytechnic Institute of Lusophony, Portugal                                                                          |
| 14:25-14:50                                                                                                                                                         | <i>Financial inclusion and environmental pollution in sub-Saharan Africa: moderating effects of economic growth and renewable</i><br><b>Prof. Rabie Said</b> , La Trobe University, Australia                                                 |
| 14:50-15:15                                                                                                                                                         | <i>Spatial and Temporal Variability of Extreme Hydroclimatic Events in the Bani River Basin</i><br><b>Prof. Francois Kossi Guédjé</b> , University of Abomey-Calavi, Benin                                                                    |
| 15:15-15:40                                                                                                                                                         | <i>Land-based mitigation measures in global agro-ecosystems: A systematic review of multiple impacts on ecosystem services</i><br><b>Dr. Hajar Guejjoud</b> , Université Paris-Saclay, France                                                 |
| 15:40-16:00                                                                                                                                                         | Refreshment Break                                                                                                                                                                                                                             |
| 16:00-16:25                                                                                                                                                         | <i>Towards Sustainable Management of Small Tuna Fisheries: Atlantic Bonito in Senegalese Waters</i><br><b>Dr. Ousmane SARR</b> , Shanghai Ocean University, China                                                                             |
| 16:25-16:50                                                                                                                                                         | <i>Simulation Study on Reservoir Stimulation of Multi-horizontal Wells for Gas Hydrate Production in Low-permeability Reservoirs</i><br><b>Prof. Li Xiaoyang</b> , Chinese Academy of Geological Sciences, China                              |
| 16:50-17:15                                                                                                                                                         | <i>Insights into the relationship between nitrogen assimilation and lipid accumulation in algae</i><br><b>Dr. Huiying Zhang</b> , Fujian Agriculture and Forestry University, China                                                           |
| 17:15-17:40                                                                                                                                                         | Slot Available                                                                                                                                                                                                                                |
| 17:40-18:05                                                                                                                                                         | Slot Available                                                                                                                                                                                                                                |
| This is tentative agenda and subjected to changes. To book your slot, please reach us at <a href="mailto:elenaclaire@unitedforum.uk">elenaclaire@unitedforum.uk</a> |                                                                                                                                                                                                                                               |