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4TH WORLD CONGRESS ON

CLIMATE CHANGE AND ECOSYSTEM

April 14-15, 2025 Madrid, Spain

SCIENTIFIC PROGRAM

AGENDA

April 14-15, 2025

08:45-09:00

Opening Cermony

Major Sessions: Environmental Health | Global Warming | Ecosystem & Ecology | Climate Change & Sustainability | Agriculture & Food Security | Waste Management and Treatment | Ecosystem Rehabilitation | Biodiversity Conservation | Environmental Technology | Environmental Hazards | Human Impact on Environment | Forest management | Climate Change and Mental Health

Day 1

09:00-09:30	Title: Global climate change and the rise of sea level. Are we returning to consumption of halophytes? **Mr. Vadim S. Volkov** | Timiriazev Institute of Plant Physiology | Russia
09:30-10:00	Title: Ecosystem services assessment of soil and water conservation based on scenario analysis method in a red soil hilly catchment of Southern China **Dr. Liying Sun** | Chinese Academy of Sciences | China
10:00-10:30	Title: Exploring Current Status and Evolutionary Trends on the Paid Use of State-Owned Forest Resources in China: A Bibliometric Perspective **Dr. Xue Wei** | Beijing Forestry University | China
10:30-11:00	Title: Review analysis on livestock & protein sourcing for food security & carbon emission by sustainable, low cost, emission free, green technologies. **Dr. Khalid Hasan Rafi** | China University of Mining & Technology | China
11:00-11:30	Title: Performance Evaluation of Solar Water Heater Integrated Photovoltaic Panel **Dr. Khodadad Mostakim** | Rajshahi University of Engineering & Technology | Bangladesh
11:30-12:00	Title: A comparative study of light pollution scenario during recent years in Bangladesh and it's bad effect on the environment **Dr. Mehedi Hasan** | Rajshahi University of Engineering & Technology | Bangladesh

12:00-12:30	Title: Assessing COVID-19 impacts on Agricultural Food Production among Smallholder Farmers in Northern Drakensberg Areas of KwaZulu Natal, South Africa **Dr. Bonginkosi E. Mthembu** | Mangosuthu University of Technology | South Africa
12:30-13:00	Title: Establishing empirical models for predicting forest carbon uptake using seven environmental drivers **Dr. You-Ren Wang** | University of Oslo | Norway
13:00-13:30	Title: Optical remote sensing for Glacier monitoring: case studies in Chile **Dr. Guido Staub** | University of Concpeción | Chile
13:30-14:30	Title: Greening Urban Areas with Decentralized Wastewater Treatment and Reuse: A Case Study of Ecoparque inTijuana, Mexico **Dr. Gabriela Munoz-Melendez & Dr. Lina Ojeda-Revah** | El Colegio de la Frontera Norte | Mexico
14:30-15:00	Title: Identification and characterization of Peruvian native bacterialstrains as bioremediation of Hg-polluted water and soils due to Artisanal and Small-Scale Gold Mining in the Secocha Annex,Arequipa **Ms. Patricia Lopez Casaperalta** | Catholic University of Santa María | Peru
Day 2	
09:30-10:00	Title: Leveraging Autonomous Technology to Build Climate-Resilient Agriculture: A Case Study of Digital Cotton Field in China **Dr. Justin Gong** | Co-founder of XAG Co., LTD | China
10:00-10:30	Title: Role and Effect of Nanomaterials in The Production of Biodiesel Based on Feedstock **Dr. Farjana Akhter Supty** | Rajshahi University of Engineering & Technology | Bangladesh
10:30-11:00	Title: Evaluation of Future Streamflow in the Upper Part of the Nilwala River Basin (Srilanka) under Climate Change **Dr. Imiya Chathuranika** | Sri Lanka Institute of Information Technology | Sri Lanka
11:00-11:30	Title: Comparative analysis of Gordonia strains genomes capable of utilizing dibenzothiophene **Dr. Ekaterina Frantsuzova** | Institute of Biochemistry and Physiology of Microorganisms | Russian Federation

11:30-12:00	Title: Dynamics of the taxonomic structure microbiome of the arable land **Dr. Yulia Kocharovskaya** | Pushchino Scientific Center for Biological Research of the Russian Academy of Sciences | Russian Federation
12:00-12:30	Title: Detecting harmful algal blooms with new biotechnological tools **Dr. Anna Toldra Filella** | KTH Royal Institute of Technology | Sweden
12:30-13:00	Title: Prioritising climate change adaptation for housing in Wales, UK **Dr. Carolyn Hayles** | Cardiff Metropolitan University | United Kingdom
13:00-13:30	Title: Population Status and Ecology of the Steno-Endemic Fairy Shrimp Chirocephalus sibyllae Cottarelli and Mura, 1975 Inhabiting a Mountain Temporary Pond (Central Italy) **Dr. Barelli Maria Gaetana** | G. Peano scientific high school | Italy
13:30-14:00	Title: Microplastics and associated chemicals: methods, interactions, and perspectives **Dr. Virgínia Cruz Fernandes** | Superior de Engenharia do Porto | Portugal
14:00-14:30	Title: BIM for Landscape Design Improving Climate Adaptation Planning: The Evaluation of Software Tools Based on the ISO 25010 Standard **Dr. Evelina Keibach** | Middlesex University | UK
14:30-15:00	Title: Integrated Sand Resources Utilization in Agriculture and “Sponge City” Construction **Dr. Yuming Su** |State Key Laboratory of Silica Sand Utilization | USA
Panel Discussion	
Thanks Giving & Closing Ceremony	