



IN-PERSON CONFERENCE

PROGRAM- AT-A-GLANCE



Peers Alley Media

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M E D I A

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SCIENTIFIC PROGRAM

5TH GLOBAL SUMMIT ON

ADVANCES IN EARTH SCIENCE AND CLIMATE CHANGE

September 24-25, 2026 | London, UK

SCIENTIFIC PROGRAM

DAY 01
THURSDAY

SEPTEMBER 24, 2026

08:00-08:30	Registrations
08:30-08:40	Inaugural Ceremony
Moderator	Prasanna Gajanan Tillu , <i>Birla Institute of Technology and Science, India</i>
Topics: Earth Science Climate Change Soil Science Green Energy Recycling Ecology Geology Pollution Control Biodiversity Remote Sensing Hydrology Atmospheric Chemistry Natural Hazards Oceanography Sewage Treatment Geoengineering	
Distinguished Speaker Talks	
Session Chair	Andrea Maria Calazans Pacheco Pacífico , <i>Paraíba State University, Brazil</i>
08:40-09:00	Title: Climate Change Displaced Persons' Governance in Latin America with a Focus on Brazil Andrea Maria Calazans Pacheco Pacífico , <i>Paraíba State University, Brazil</i>
09:00-09:20	Title: Bridging the Gap in Earthquake Prediction: Operational Forecasting via Multi-Sphere Data Integration Angelo De Santis , <i>Istituto Nazionale di Geofisica e Vulcanologia, Italy</i>
09:20-09:40	Title: Regionalization Approaches for the Spatial Analysis of Extremal Dependence with Applications in Climate Research Thorsten Dickhaus , <i>University of Bremen, Germany</i>
09:40-10:00	Title: Developing Integrated Hydrologic Modeling and Flood Mitigation Strategies for the Takwi Creek Watershed, Philippines Maria Cristina V. David , <i>Pampanga State Agricultural University, Philippines</i>

10:00-10:20	Title: Weathering the Storms: Climate Vulnerability and Consequential Impacts upon the Poor in the US Carol Camp Yeakey, <i>Washington University in St. Louis, USA</i>
GROUP PHOTO 10:20-10:30	
REFRESHMENT BREAK 10:30-10:50	
10:50-11:10	Title: Addressing Climate Change Challenges through Decarbonizing of India's Automotive Sector: An Optimal Fuel-Drive Mix Scenario for 2035 Prasanna Gajanan Tillu, <i>Birla Institute of Technology and Science, India</i>
11:10-11:30	Title: Waste-to-Hydrogen Conversion of Sugar Beet Pulp via Steam Gasification and MOF-Based CO₂ Separation Nezihe Ayas, <i>Eskisehir Technical University, Turkey</i>
11:30-11:50	Title: Integrating Climate and Sustainability Competencies into Textile Education through Micro-Credentials Ada Traumann, <i>TTK University of Applied Sciences, Estonia</i>
11:50-12:10	Title: Protected Areas and Community Based Conservation: Some Management Perspectives from the Southern Western Ghats in India Sugato Dutt, <i>Tamil Nadu Compensatory Afforestation Management Plan Authority, India</i>
12:10-12:30	Title: Unraveling Climate Change Vulnerabilities of Wetland Communities: Insights from <i>Hakaluki Haor</i> in Bangladesh Md Amdadul Haque, <i>Shahjalal University of Science and Technology, Bangladesh</i>
12:30-12:50	Title: Climate Change and Natural Disasters: Examining the Psychosocial Issues that Impact Female-Headed Households Post-Hurricane Maria in Dominica Debra D. Joseph, <i>The University of the West Indies, Cave Hill, Barbados</i>
GROUP PHOTO 12:50-13:00	

LUNCH BREAK 13:00-13:40

Session Chair	Juergen Reichardt , <i>MSA Muenster School of Architecture, University of Applied Sciences, Germany</i>
13:40-14:00	Title: Biogeotechnics: Study of Root-Reinforcement in Strengthening the Soil D. Ashwini, <i>Maharaja Institute of Technology Mysore, Visvesvaraya Technological University, Belgaum, Karnataka, India</i>
14:00-14:20	Title: Assessment of Circularity and Minimization of CO₂ Emissions in the Overall Industrial Construction System – The Path to a Sustainable Transformation along the Value Chain: Case Study of a Building Assessment with Madaster Juergen Reichardt, <i>MSA Muenster School of Architecture, University of Applied Sciences, Germany</i>
14:20-14:40	Title: Improving TiO₂ Photocatalytic Performance in Water Hydrolysis: A DFT Study Emine Esra KASAPBASI, <i>Beykoz University, Turkey</i>
14:40-15:00	Title: Salt Tolerant Halophyte Plants under Global Climate Change. Why their Roots Grow Faster under Rising Salinity? Vadim Volkov, <i>K.A. Timiriazov Institute of Plant Physiology, Russian Academy of Sciences, Russian Federation</i>
15:00-15:20	Title: Evaluating Concentrations of PM₁₀, PM_{2.5}, SO₂, NO₂, CO, O₃, and H₂S Emitted by Artisanal Brick Kilns in Juliaca, Peru, Using a Low-Cost Sensor Network and AERMOD Model Jose Luis Pineda Tapia, <i>Universidad Nacional de Juliaca, Peru</i>
15:20-15:40	Title: Rare Earth Elements: A Review of Primary Sources, Applications, Business Investment, and Characterization Techniques Lílian Lefol Nani Guarieiro, <i>University SENAI CIMATEC, Instituto Nacional de Ciência e Tecnologia em Energia e Ambiente – INCT, Brazil</i>

15:40-16:00	Title: Novel Concept and Technologies of Sustainable Building Design Juergen Reichardt, MSA Muenster School of Architecture, University of Applied Sciences, Germany
REFRESHMENT BREAK 16:00-16:15	
16:15-16:30	Title: An Investigation of the Dynamic Behaviour of Offshore Wind Turbine Support Structures in Harsh Norwegian Marine Environments Giancarlo Angelopoulos, City St. George's University, UK
16:30-16:50	Title: Upcycling Post Consumer Textile Waste by Enabling Local Marginalized Community Development through Cloud-fulfilment Ecosystem Richa Sharma, National Institute of Fashion Technology Bengaluru, India
16:50-17:10	Title: Generation of Monthly Streamflows in the Ica River Basin up to the La Achirana Hydrometric Station Using the GR4J Rainfall-Runoff Model Angel Gabriel Ochante Sanchez, Universidad Privada del Norte, Peru
17:10-17:30	Title: Spatio-Temporal Analysis of Land Use/Land Cover Changes: Implications of Climate Variability in Gicumbi District, Rwanda (1995–2025) Angela Oyilieze Akanwa, University of Technology and Arts of Byumba (UTAB), Rwanda Chukwuemeka Odumegwu Ojukwu University (COOU), Nigeria
17:30-17:45	Title: Energy-Efficient Autonomous Harvesting for Sustainable Vertical Farms Using Mobile Manipulators Priyanka Verma, Indian Institute of Technology Ropar, India

17:45-18:05	Title: Effects of Heat Treatment on Plasma-Sprayed Indian Clam Seashell-Derived Hydroxyapatite (HA) Coating Applied on Ti-Alloy Kazi Sabiruddin, <i>Indian Institute of Technology Indore (IIT Indore), India</i>
18:05-18:25	Title: Building Smart Circular Economies through Industry 4.0 Technologies: Evidence from South Asia Narayanage Jayantha Dewasiri, <i>Sabaragamuwa University of Sri Lanka, Sri Lanka University Centre for Research and Development (UCRD), Chandigarh University, India</i>
18:25-18:45	Title: Reverse Logistics and Environmental Sustainability of Fast-Moving Consumer Goods Companies in Nigeria Jude Chekwume Nwaulune, <i>Babcock University Nigeria</i>
18:45-19:05	Title: Multi-Sensor Earth Observation for Remote Large Eruption Monitoring: The 2025 Erta Ale–Hayli Gubbi Eruption (Ethiopia) Maria A. Marsella, <i>Sapienza University of Roma, Italy</i>

END OF DAY-1

SCIENTIFIC PROGRAM

DAY 02

FRIDAY

SEPTEMBER 25, 2026

08:30-08:40	Introduction
Topics: Earth Science Climate Change Soil Science Green Energy Recycling Ecology Geology Pollution Control Biodiversity Remote Sensing Hydrology Atmospheric Chemistry Natural Hazards Oceanography Sewage Treatment Geengineering	
Distinguished Speaker Talks	
Session Chair	Adrian Wolfberg, Case Western Reserve University, USA
Session Chair	S. B. Yogananda, University of Agricultural Sciences, Mandya, India
Session Chair	Nezihe Ayas, Eskisehir Technical University, Turkey
08:40-09:00	Title: When the Frame No Longer Fits: Learning to Adapt in Climate and Earth Science Decisions Adrian Wolfberg, Case Western Reserve University, USA
09:00-09:20	Title: Hydrogen-Based <i>In-Situ</i> Reduction of Pyrite Cinder for Iron Recovery Yongliang Wang, University of Emergency Management, China
09:20-09:40	Title: Balancing Tourism Expansion and Ecosystem Sustainability: Experiences from Goa's Coastal Destinations (India) Nandkumar Sawant, Parvatibai Chowgule College (Autonomous), India
09:40-10:00	Title: Advances in Soil Carbon Monitoring and Management: Tools and Strategies for Climate-Smart and Sustainable Agriculture S. B. Yogananda, University of Agricultural Sciences, Mandya, India

10:00-10:20	Title: Integrating GIS and Remote Sensing for Spatial Distribution Assessment of Drought Vulnerability Index Jehan Momammed Sheikh Suleimany, <i>Salahaddin University, Iraq</i>
GROUP PHOTO 10:20-10:30	
REFRESHMENT BREAK 10:30-10:50	
10:50-11:10	Title: Assessing the Systemic Effects of the Bordeaux Low Emission Zone (LEZ) Using the SIMUTEC Platform Seghir Zerguini, <i>Bordeaux School of Economics (BSE) - University of Bordeaux, France</i>
11:10-11:30	Title: Influence of Ageing and Siltation on the Seismic Responses of Arch Dams Deepa Balakrishnan S, <i>Cochin University of Science and Technology, India</i>
11:30-11:50	Title: A Simple Overview of Virtual Machine (VM) Consolidation Techniques for Green Cloud Computing Mamatha G S, <i>RV. College of Engineering, India</i>
11:50-12:10	Title: Packaging Industry in India – A Paradigm Shift towards Sustainability Smita Salunke, <i>Akbar Peerbhoy College of Commerce & Economics, India</i>
12:10-12:30	Title: Sound Insulation and Mechanical Characterization of Recycled Rubber Panels for Sustainable Building Applications Anđelko Crnoja, <i>University North, Croatia</i>
12:30-12:50	Title: Seismic Risk in the Chlef Region: Evaluation of Road Network Risk Interruption Zohra BOUTARAA, <i>Hassiba Benbouali University of Chlef, Algeria</i>
GROUP PHOTO 12:50-13:00	
LUNCH BREAK 13:00-13:40	

Session Chair	Adrian Wolfberg , <i>Case Western Reserve University, USA</i>
Session Chair	S. B. Yogananda , <i>University of Agricultural Sciences, Mandya, India</i>
Session Chair	Nezihe Ayas , <i>Eskisehir Technical University, Turkey</i>
13:40-14:00	Title: Techno-Economic Analysis of Bio-Solar Green Roofs for Urban Heat Island Mitigation and Building Energy Performance in Pakistan Azhar Iqbal, <i>University of Gujrat, Pakistan</i>
14:00-14:20	Title: Curriculum Design and the Integration of Sustainability - The Case of Reorganized Master Programs Martin Wenke, <i>Hochschule Niederrhein University of Applied Sciences, Germany</i>
14:20-14:40	Title: From Surplus Power Valorization to Hydrogen-Based Turbine Decarbonization in Industrial Gas Turbogenerators Juan Fernando Cadavid Montoya, <i>Universidad de Santander (UDES), New Technologies Research Group (GNT), Colombia</i>
14:40-15:00	Title: Keto-enol Insecticides Disrupt Ovarian Wnt/Armadillo Signaling and Redox Balance, Inducing Generational Toxicity in <i>Drosophila melanogaster</i> María Elena Calderón-Segura, <i>Institute of Atmospheric Sciences and Climate Change, Universidad Nacional Autónoma de México, Mexico</i>
15:00-15:20	Title: Study of Groundwater Quality and its Human Health Risk Assessment to Population Exposed in the Region of Nimar, Madhya Pradesh, India Devaanshi Jagwani, <i>IPS Academy, Institute of Engineering and Science, Indore, India</i>
15:20-15:40	Title: Green Jobs for Climate Resilience: Ghana's LIPW Experience Prosper Basommi Laari, <i>University of Business and Integrated Development Studies, Ghana</i>
15:40-16:00	Title: Environmental Commitment in Moroccan SMEs: Exploring Managerial Drivers Hanan FALI, <i>Ibn Zohr University, Morocco</i>

REFRESHMENT BREAK 16:00-16:20

16:20-16:35

Title: Leveraging Historical Collision Alert Data: Kinematic and Spatial Analysis for Location-Based Classification

Arthur Rocha França, *Hexagon Mining, Brazil*

16:35-16:50

Title: GIS-Based Assessment of the Potential for Photovoltaic Panels and Green Roofs in Iași, Romania

Otilia Pitulac, *Gheorghe Asachi Technical University of Iasi, România*

16:50-17:10

Title: Nitrogen Use Efficiency: A Nature Based Technique to Mitigate Nitrate Pollution under Changing Climate

Jothimani Subbiah, *Tamil Nadu Agricultural University, India*

17:10-17:30

Title: Beyond Formal Law: Harnessing African Indigenous Knowledge to Foster Green Marketing Governance and Sharing Economy

Chipo Mutongi, *Midlands State University, Zimbabwe*

17:30-17:50

Title: A Multicriteria Framework for Evaluating Walkability and Non-Motorized Transport Infrastructure for Climate-Smart Urban Mobility in Pune City

Arjun Singh Lodhi, *COEP Technological University, India*

17:50-18:10

Title: Climate Change and Indigenous Knowledge through Nature-Based Solutions: Adaptation, Mitigation, and Livelihood Resilience Challenges of Indigenous Communities in the Chittagong Hill Tracts of Bangladesh

Uyi Shing Marma, *Chittagong Hill Tracts Research Society (CHTRS), Bangladesh*

(Video
Presentation)

Title: Physicochemical and Photoluminescence Properties of Piperine Thin Films Prepared by Spin Coating

Faridah Abdul Razak, *Universiti Putra Malaysia Sarawak, Malaysia*

NETWORKING

END OF DAY 2



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VIRTUAL EVENT

5TH GLOBAL SUMMIT ON

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September 24-25, 2026

SCIENTIFIC PROGRAM

DAY 01

THURSDAY

SEPTEMBER 24, 2026

BST - BRITISH SUMMER TIME

06:00-06:10

Inaugural Ceremony

Topics: Earth Science | Climate Change | Soil Science | Green Energy | Recycling | Ecology | Geology | Pollution Control | Biodiversity | Remote Sensing | Hydrology | Atmospheric Chemistry | Natural Hazards | Oceanography | Sewage Treatment | Geoengineering

Distinguished Speaker Talks

06:10-06:30

Title: Minimizing Nutrient Leached Using Rain Shield Nutri Gard NPK Fertilizer

Latifah Binti Omar, *Universiti Putra Malaysia Sarawak, Malaysia*

06:30-06:50

Title: Impact of Climate-Induced Adverse Weather on Autonomous Vehicle Perception: An AI-Based Enhancement Approach

Aswini N, *PES University, India*

06:50-07:10

Title: Effect of Imposed Drought on Carbon Storage and Soil Respiration of Moso Bamboo Stand in Southeast China

Benzhi Zhou, *Research Institute of Subtropical Forestry, Chinese Academy of Forestry, China*

07:10-07:30

Title: From Warning Signals to Early Action: Stress-Testing Anticipatory Governance in Landslide-Dammed Lake Risk Management

Bih-Chuan Lin, *Da-Yeh University, Taiwan*

07:30-07:50

Title: AI-Driven Hydrodynamic Forecasting for Flood Early Warning in Climate-Sensitive Mahanadi River Network

Monalisha Pattnaik, *Sambalpur University, India*

07:50-08:10

Title: Digital Collaboration Platforms for Climate Research

Meeramani N, *JAIN (Deemed-to-be University), India*

08:10-08:30	Title: Tracing the Human–River Relationship in India through Case Studies across Historical Timelines Sharduli Joshi and Prajakta Chakravarty, <i>SMEF's Brick School of Architecture, India</i>
08:30-08:50	Title: Seismic Hazard Analysis in Complex Tectonic Settings: A Non-Traditional Perspective Niranjan Borah, <i>Barak Valley Engineering College, India</i>
08:50-09:10	Title: Disentangling Atmospheric and Soil Moisture Controls on Sap Flow in Forest Biomes Leena Khadke, <i>University of New South Wales, Australia / Indian Institute of Technology Bombay, India</i>
09:10-09:30	Title: Business Standards for Digital Transformation in Financial Services Using Geo-Spatial Technology in Times of Climate Change Chinagudi Jayanna Jagadeesha, <i>Indian Space Research Organization ISRO-NRSC-RRSC-Bangalore, India</i>
09:30-09:50	Title: Emotional Contagion in Virtual Leadership: A Webcam-Based Study of Expressivity, Psychological Safety and Team Output Vidhu Gaur, <i>Management Development Institute (MDI), Gurgaon, India</i>
REFRESHMENT BREAK 09:50-10:00	
10:00-10:20	Title: The Unitive Science of a Living Universe Jude Currivan, <i>Co-founder WholeWorld-View, UK</i>
10:20-10:40	Title: Green FDI as a Catalyst for Climate-Resilient Development in Emerging Economies Sukanya R, <i>CHRIST University, India</i>
10:40-11:00	Title: Sustainable Consumers' Attitude & Perception towards Circular Economy of Bangladesh Regarding Ship Breaking and Recycling Products: Evidence from SEM Approach Meher Neger, <i>Comilla University, Bangladesh</i>

11:00-11:20	Title: Strategy for the Development of the Eastern Issyk-Kul Tourism Cluster under Mountainous Conditions Antonina Viktorovna Babosiuk, <i>M. Ryskulbekov Research University "Kyrgyz Economic University", Kyrgyz Republic</i>
11:20-11:40	Title: Root Absorption of CO₂ by Plants as an Ecosystem Factor in Regulating the Carbon Balance in the Biosphere Amiran Khabidovich Zanirov, <i>Kabardino-Balkarian State University named after H.M. Berbekov, Russia</i>
11:40-12:00	Title: Eco-Design and Renewable Energy as Drivers of Decarbonization in Energy-Intensive Industrial Systems Merve Balta, <i>Sakarya University, Turkey</i>
12:00-12:20	Title: Ecotourism in a Changing Climate: The Role of Sustainability Criteria and Indicators in Protected Areas in Türkiye (Case of Artvin-Camili Biosphere Reserve) İnci Zeynep YILMAZ, <i>Artvin Çoruh University, Türkiye</i>
12:20-12:40	Title: Soybean Mosaic Virus Infection in Three Cultivars of Soybeans Intercropped with Corn at Three Planting Densities of Soybeans Eman Ibrahim El-Sayed Abdel-Wahab, <i>Agricultural Research Center, Egypt</i>
12:40-13:00	Title: Factors Affecting Green Banking Technology Adoption in Bangladesh Naimul Islam, <i>University of Greenwich, UK</i>
LUNCH BREAK 13:00-13:30	
13:30-13:50	Title: Utilizing the Metaverse: Innovative Approaches for Improved Management and Organisational Effectiveness Ola Al Mari, <i>University of Seville, Spain</i>
13:50-14:10	Title: A Century-Old Coal Company: Hullera Vasco-Leonesa Leonardo Caruana de las Cagigas, <i>University of Granada, Spain</i>
14:10-14:30	Title: Beyond the Greenery: The Role of Urban Green Spaces in Supporting Climate Neutrality Carla Sofia Santos Ferreira, <i>Polytechnic University of Coimbra, Portugal</i>

14:30-14:50	Title: Carbon Capture, Sequestration and Carbon Credits As Strategic Tools for Climate Change Adaptation in the Niger Delta Oil Province of Nigeria Adewale Dosunmu, <i>University of Port Harcourt, Nigeria</i>
14:50-15:10	Title: Effect of Climate Change on Energy Security in Sub-Saharan Africa: The Role of Renewable Energy Adoption Lord-Freeman Dunyoh, <i>Jasikan College of Education / University of Professional Studies, Accra (UPSA), Ghana</i>
15:10-15:30	Title: Managing the Environmental Risks Related to the Effects of Climate Change on Urban Buildings through Innovative and Sustainable URM Infill Walls Associated to Quality Management and Use of Information Systems José Luís Miranda Dias, <i>National Laboratory of Civil Engineering (LNEC), Portugal</i>
15:30-15:50	Title: Co-Seismic Earthquake Lights (EQLs) during the 2023 Morocco Earthquake: Observations and an Atmospheric Friction Model Bendaoud Saâd, <i>Cadi Ayyad University, Morocco</i>
15:50-16:10	Title: E-Government, Governance and Sustainable Development: What Synergy for African Countries? Ahlam Er-Rahmani, <i>Ibn Tofail University, Morocco</i>
REFRESHMENT BREAK 16:10-16:20	
16:20-16:40	Title: Numerical Foundations for Computational Modeling in Wind Energy Andreia Aoyagui Nascimento, <i>Universidade Federal de Goiás, Brazil</i>

16:40-17:00	Title: Correlation of Space Weather with Biological Indicators – A Case Study: Myocardial Infarctions Luiz Felipe Rezende, <i>INPE - National Institute for Space Research, Brazil</i>
17:00-17:20	Title: Diagnosing Rebound Effects in Territorial Circular Economy Transitions: Implications for Climate Governance Rachida Bouhid, <i>Université du Québec à Montréal (UQAM), Canada</i>
17:20-17:40	Title: Similarity Analysis: Classification of Time Series Data Using Supervised and Unsupervised Learning David J Corliss, <i>Peace-Work, USA</i>
17:40-18:00	Title: Building Pathways to Sustainable Wastewater Management Systems in Developing Countries Using Semantic Network Models Fernando Ramos Quintana, <i>Tec de Monterrey, Mexico</i>
END OF DAY-1	

SCIENTIFIC PROGRAM

DAY 02

FRIDAY

SEPTEMBER 25, 2026

BST - BRITISH SUMMER TIME

06:15-06:30	Introduction
Topics: Earth Science Climate Change Soil Science Green Energy Recycling Ecology Geology Pollution Control Biodiversity Remote Sensing Hydrology Atmospheric Chemistry Natural Hazards Oceanography Sewage Treatment Geengineering	
Distinguished Speaker Talks	
06:30-06:50	Title: The Invasive Coconut Scale, <i>Aspidiotus rigidus</i> (Hemiptera: Diaspididae): A Continuing IPM Challenge in the Philippines Johana C. Orense, Philippine Coconut Authority (Retired), Philippines
06:50-07:10	Title: From Green Building Guidelines to Low-Carbon Design Decisions: An AHP-Based Prioritisation Framework for High-Rise Residential Buildings under LEED v5 Chih-Ju Lin, Da-Yeh University, Taiwan
07:10-07:30	Title: From Proximity to Ageing-in-Place: A Multi-Scale Evaluation of Age-Friendly Urban Environments Tran Le Khanh Thu, Da-Yeh University, Taiwan
07:30-07:50	Title: Ship-Generated Waste Management Practices, Challenges and Innovations On-Board and at Ports: A Systematic Review Abhijit Arvind Mohite, Indian Maritime University, India
07:50-08:10	Title: DripAlyze: Internet of Things Based Water Leakage Detection System for Smart Resource Management Maitri Patel, Institute of Advanced Research, India

08:10-08:30	Title: The Solar Activity and El Niño/La Niña Link: Effect on Surface Meteorological Elements Rajasri Sen Jaiswal, <i>Gopalan College of Engineering and Management, India</i>
08:30-08:50	Title: The Relevance of Sustainability in Education Riya Gupta, <i>AURO University, India</i>
08:50-09:10	Title: Beyond Connectivity: An Intelligent Emergency Communication for Localization and Evacuation in High-Altitude Disasters Barnali Dey, <i>Sikkim Manipal Institute of Technology, India</i>
09:10-09:30	Title : PFAS Pollution: A New Emerging Threat in Pakistan Its Environmental Distribution, Health Risks, and Advanced Remediation and Mitigation Strategies — A New Perspective Erum Bughio, <i>Shaheed Benazir Bhutto University of Veterinary and Animal Sciences, Pakistan</i>
09:30-09:50	Title: Exploring Oceanic Depths: Unveiling Hidden Treasures with IoT and Ensembled Deep Hybrid Learning Model Sujilatha Tada, <i>Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India</i>
REFRESHMENT BREAK 09:50-10:00	
10:00-10:20	Title: What We Can Learn From India a Forerunner in Community Centric Forest Management: An Insight for Global Forest Policy and Governance Nick Lalrinmawia, <i>Mizoram University, India</i>
10:20-10:40	Title: Evaluation of Kinetic Models for Orange G Dye Removal Using Hydrodynamic Cavitation at Different Initial Dye Concentrations Amir Nasiri, <i>Amirkabir University of Technology (Tehran Polytechnic), Iran</i>
10:40-11:00	Title: Internet of Things-Driven Waste Management: Paving the Way for Sustainable Smart Cities Khadija Salim Al Yarubi, <i>University of Nizwa, Oman</i>

11:00-11:20	Title: What Are Our Duties to Mitigate the Climate Crisis? Mehmet Özçelik, <i>Van Yuzuncu Yil University, Turkey</i>
11:20-11:40	Title: Climate Change Addressing through Green Technology and Environmental Policy Instruments: An Economic Perspective and Implications for Recycling Burçin Çakır Gündoğdu, <i>Istanbul Gelisim University, Turkey</i>
11:40-12:00	Title: Biomass Waste Valorization Pathways for Sustainable Energy and Climate Action: Systematic Review Benjamin Yennuna Konyannik, <i>RUDN University, Russia</i> <i>Kwame Nkrumah University of Science and Technology, Ghana</i>
12:00-12:20	Title: The Ocean Wave 1449: Your Server Down Diallo Mohamed Bobo, <i>UFHB Cocody ICN Afrika 1449, Côte d'Ivoire</i>
12:20-12:40	Title: Effects of Geological Structures on Groundwater Geochemistry and Groundwater Flow within Deep Basement Aquifers of Lilongwe, Malawi Daniel Kilembe, <i>Mzuzu University, Malawi</i>
12:40-13:00	Title: Advances in Sustainable Pavement Subgrade Stabilization: A Review of Biopolymer- Natural Fiber Reinforcement of Clayey Soils Michael Chizobam Uwaezuoke, <i>University of Agriculture and Environmental Sciences, Nigeria</i>
LUNCH BREAK 13:00-13:30	
13:30-13:50	Title: The Stories of Ailing Forest Reserves and Standpoints of Agrarian Landowners: Kumbo and Lambo Reserves in Perspectives Yamboar Laarbik, <i>E. P. College of Education, Ghana</i>
13:50-14:10	Title : Who Must We Become? Climate Education, Identity and the Relational Turn Naida Culshaw, <i>Independent Scholar-Practitioner, UK</i>

14:10-14:30	Title: Valorization of Water Lettuce (<i>Pistia stratiotes</i> L.) Through Bioconversion for Black Soldier Fly Larvae (<i>Hermetia illucens</i>): Larvae Growth, Survival Rate and Nutritional Quality Farokh NIASS, <i>Gaston Berger University, Senegal</i>
14:30-14:50	Title: Using Inverse Seismology to Better Constrain High Impact, Low Probability (HILP) Seismic Hazard Estimates Carlos Sousa Oliveira, <i>Universidade Lisboa, Portugal</i>
14:50-15:10	Title: Providing the Grounds and Directions for a Randomized Controlled Trial Reducing Diagnosis Uncertainty in Psychiatric Symptomatology Related To Inhaled Pollutants – as Legitimized by the Precautionary Environmental Principle Ana Rodriguez, <i>Centre for the Studies of Population, Economy and Society, Portugal</i>
15:10-15:30	Title: Servitization as a Circular Economy Strategy for Climate Change Mitigation: Evidence from a Brazilian Packaging Company Heloisa Candia Hollnagel, <i>Pontifical Catholic University of São Paulo (PUC-SP) Universidade Federal de São Paulo (UNIFESP), Brazil</i>
15:30-15:50	Title: Shifting Mindsets: A Path for Change Acceleration Isabel Rimanoczy, <i>Convener PRME Working Group on the Sustainability Mindset, USA</i>
15:50-16:10	Title: Adoption of Blockchain Technology in Enhancing Supply Chain for Sustainable Practices: Case Study Review and Proposed Framework Shazia Hassan, <i>IEEE, USA</i>
16:10-16:30	Title: Improving Agricultural Resilience to Climate Change Communication Frameworks and Practices B. Roseline Bayili, <i>Laval University, Canada</i>

16:30-16:50	Title: Interannual Variability of Dinoflagellates in the Northern Humboldt Current System (NHCS) Maribel Baylón, <i>Universidad Nacional Mayor de San Marcos, Peru</i>
16:50-17:10	Title: Biomass Decomposition in Cacao-Based Agroforestry Systems Danny Daniela Guerrero Aguas, <i>Bajo Mira Cacao Company, Colombia</i>
17:10-17:30	Title: Assessing Shrubland Productivity in Arid Ecosystems Using Multivariate Ecological Indicators Martín Martínez-Salvador, <i>Autonomous University of Chihuahua, Mexico</i>
17:30-17:50	Title: Probabilistic Seismic Hazard Analysis for El Salvador Walter Mauricio Salazar Guerra, <i>Catholic University of El Salvador, El Salvador</i>
END OF DAY 2	

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6th GLOBAL SUMMIT ON

**ADVANCES IN EARTH SCIENCE
AND CLIMATE CHANGE**

September 2027 | Paris, France