

# 2nd World Congress on **ENVIRONMENTAL SCIENCE & CLIMATE CHANGE**

**13-15**  
**APRIL 2026**

*Singapore*

**Venue:** Village Hotel Bugis  
Golden Landmark, 390 Victoria Street,  
Singapore City, 188061, Singapore.

Whatsapp: +1-408-933-9154

Email: [environmentalscience@scientificmeetings.org](mailto:environmentalscience@scientificmeetings.org)

Website: <https://environmentalscience.inovineconferences.com>

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**Theme:**  
*Innovating Environmental Science  
for a Sustainable and Climate  
Resilient Future*

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# TENTATIVE PROGRAM

## Keynote Presentations

### **Kim Glassborow**

Bachelor of Arts (Hons) / Bachelor of Laws  
University of New South Wales Australia

**Title:** The Australian Example of Biofuels and Dealing with Problematic Tyre Waste

### **Sangita Kapoor**

Blue Planet, Kolkata, India

**Title:** Eco-Friendly, Multi-Hazard, Disaster-Resilient Sustainable Housing in Sundarbans Delta Region: Regenerative Development post super Cyclone

### **Frédéric Samama**

Louis Bachelier Institute/ Columbia University / Sciences Po

**Title:** The Enigma of Climate Inaction: Understanding the Cognitive and Institutional Roots of our Collective Paralysis

**Keynote Presentation Slots are Available...**

## Workshop Session

### **Adina-Iuliana Deacu**

Research Institute for Sustainability,  
Germany

**Title:** Transforming Business: Redefining Profit-Driven Business Models for Sustainable Impact

## Exhibitor Demo

**Sohom Roy, Naresh Kumar**  
Picarro Inc., Santa Clara, CA

**PICARRO**

**Willem Adrianus de Bruijn**  
Biosustainable Organization, Belgium

 **Biosustainable**

**Hamza Elkhadir**  
Bratislava Slovakia, European Union

 **Ecocapsule**

**Exhibitor Slots are Available...**

## Oral Presentations

**Davide Di Paola**  
University of Messina, Italy

**Title:** Individual and Combined Effects of Atrazine and Glyphosate on Mussel Physiology: An Ecotoxicological Assessment

**Sitpayeva Gulnara Tokbergenovna,**  
**Veselova Polina**  
Institute of Botany & Phytointroduction,  
Kazakhstan

**Title:** Conservation of Endemic, Rare and Endangered Species of Kazakhstan Flora

**Queen Sharma**  
Indo German Creflat Project Tripura, India

**Title:** Climatic Traumas and Affects on Tribal People of Tripura:  
Challenges and Mitigation

**R. Azizah, SH., M.Kes**  
Universitas Airlangga, Indonesia

**Title:** Analysis of Household Inorganic Waste Management Based on Circular Economy to Maintain a Healthy Environment as a Climate Change Mitigation Action

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**Sohom Roy**

Picarro Technologies Private Ltd.,  
Bangalore, India

**Title:** Ammonia Monitoring: Meeting regional air quality directives with  
Picarro CRDS Ammonia Analyzers and LNI Permacal System

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**Michaela Agtarap**

Philippine Center for Advanced Maritime  
Simulation and Training, Inc., Philippines

**Title:** Quantifying Carbon Sequestration Losses from Mangrove Decline  
in the Philippines: Modeling Climate Costs and Recovery Pathways

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**Mirurgia Aguilar**

University of Havana, Cuba

**Title:** Natural Hazards and Disaster Risk Reduction to Subsidence in  
Karst Terrain in Cuba

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**Willem Adrianus de Bruijn**

Biosustainable Organization, Belgium

**Title:** The Pilot wage of the consumer

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**Shivanshi Chauhan**

Indian Institute of Management, India

**Title:** Beyond Carbon Footprints: Integrating Environmental Justice into  
Corporate Sustainability

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**Rakhwe Kama**

South China Agricultural University, China

**Title:** The Safe Use of Arsenic-Contaminated Mining Lands and  
Surrounding Areas in Southern China

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**Suvarna Raju Palathoti**

Assistant Professor, Climate Change  
Sustainability, Oman

**Title:** Will be announced soon

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**Asher Siebert**

Senior Scientist on Loss and Damage  
Climate Analytics, USA

**Title:** Climate Related Loss and Damage with a Case Study in the  
Caribbean

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**Manar Bani Mfarrej**

Zayed University, United Arab Emirates

**Title:** Will be announced soon

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**P. Balamurugan**

Annamalai University, India

**Title:** Indigenous Knowledge System of Heritage Management and Monitoring Plan (HMMP) for Village Water Wisdoms: A Study on Veeranam Tank Traditions in Tamilnadu, India

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**Hamda Almosawi**

Zayed University, United Arab Emirates

**Title:** Will be announced soon

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**Clifford Peter Yaee**

New Guinea Binatang Research Centre,  
Papua New Guinea

**Title:** Species Richness and Community Composition of Frogs Along a Rainforest Elevational Gradient in Papua New Guinea

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**Antara Ray**

Climate & Disaster Resilience, India

**Title:** Will be announced soon

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**Vishal Sharma**

Directorate of Higher Education, India

**Title:** Turning Waste into Carbon credits: Moving towards Net Zero Energy Building

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**Bobin Moorthitayil Varghese**

Anna University, United Arab Emirates

**Title:** Will be announced soon

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**Kusuma Putri Wahyu Abadi**

Universitas Brawijaya, Indonesia

**Title:** Bio-Receptive Concrete. Design and Development of Bio-Receptive Concrete Incorporating Recycled and Lightweight Materials for Sustainable Structural Applications

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**Kankana Das**

Environmental Law and Governance,  
Researcher IISWBM, India

**Title:** Will be announced soon

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**Mohammed Yabagi**

FCT College of Education, Nigeria

**Title:** The Role of Early Warning System in Climate Change Related  
Disaster Risk Management

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**Samriddha Chakraborty**

Environmental Resources Management,  
India

**Title:** Will be announced soon

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**Igberi Christiana Ogonna**

Alex Ekwueme Federal University, Nigeria

**Title:** Complexity of Climate Change Variability and Pesticide Application  
on Rice Production in Nigeria

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**Mpinane Flory Senekane**

University of Johannesburg, South Africa

**Title:** Illegal dumping of solid waste: A challenge towards sustainable  
practices.

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**Jayawardhana**

UNIDO, Sri Lanka

**Title:** From Obligation to Collaboration: Integrating Voluntary  
Environmental Agreements (VEAs) to Enhance Bangladesh's EPR  
Framework for Plastic Waste Management

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**Ashitha Shanavas**

Environmental Specialist,  
United Arab Emirates

**Title:** Will be announced soon

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**Michael Marmo**

CurbWaste, United States

**Title:** Digitizing the Waste Frontier: How Fintech and AI Are  
Transforming Waste Management

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**Oral Presentation Slots are Available...**

## Poster Presentations

### **Massalimova Sholpan**

Institute of Botany & Phytointroduction,  
Kazakhstan

**Title:** Tropical and Subtropical Plants in the Introduction Program of the Main Botanical Garden of Kazakhstan

### **Astrid Ruiz Almanza**

Universidad Tecnológica de Panamá,  
Panama

**Title:** Nature-Based Solutions: Evaluation of Sustainable Drainage Systems (SuDS) at Pilot Scale for Flood Control in Panama City

### **Sung Ka Chun, Jacky**

Hong Kong Baptist University, HKSAR

**Title:** Assessment of Spatial Variability of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Soils and Fungal Disease Status of Trees Grown in Hong Kong Areas

### **Urazalina Alina**

Institute of Botany & Phytointroduction,  
Kazakhstan

**Title:** Genus *Tamarix* L. in the flora of Kazakhstan

### **Anna Hnydiuk-Stefan**

Opole University of Technology Poland

**Title:** Comparative Analysis of Conventional Electricity Generation and Oxy-Fuel Combustion

### **Pranab Jyoti Barman**

Golaghat Engineering College, India

**Title:** Design of a Low Cost Arsenic Removal Filter

### **Sheeja Remani Karalam**

CHRIST (Deemed to be University), India

**Title:** Impact of Waste Management on Sustainable Community Development and Global Climate Change: An Explorative Case Study

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**Fatimah Edhaim**

Research and Analytical Services  
Department, Saudi Arabia

**Title:** Spent Claus Catalyst In Manufacturing High Alumina Refractory Materials

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**Muhammad Salman**

The Aga Khan University Hospital, Karachi

**Title:** Assessing the Mental Health Burden of Natural Disasters in Pakistan: A Systematic Review and Meta-Analysis

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**Palani Ravichandran**

Sri Venkateswaraa Medical College, India

**Title:** Creating circular industrial symbiosis for end-of-life wind turbine blades from wind power and construction value chains

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**Alessia Patrucco**

Italian National Research Council, Italy

**Title:** Textile waste recycling: a study on finishing, evaluation and removal

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**Amal Salim Al Rahbi**

University of Technology and Applied Sciences, Oman

**Title:** Sustainable Biofuel Production using CaO-Sulphated Alumina Catalyst

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**Milad Motaghi**

University of Limerick, Ireland

**Title:** Techno-Economic Assessment of Energy-Optimised Grass Biomethane and Biofertilizer Production Simulated with Aspen Plus and Pinch Technology

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**Poster Presentation Slots are Available...**