

International Conference on

Environmental Science, Sustainability & Global Innovation

*Theme: Next-Generation
Environmental Science:
From Research to Real-World Impact*

18-20TH
JUNE
2026

Our SCIENTIFIC COMMITTEE



DAI YEUN JEONG
Jeju National University,
South Korea



CARME FERRE PAVIA
Universitat Autònoma de
Barcelona, Spain



SANJEEV GAJJELA
Tomato Sustainable LTD,
United Kingdom



OLEKSANDR NOVOSELTSEV
General Energy Institute of the
National Academy of Sciences of
Ukraine, Ukraine



SERGEY SUCHKOV
N.D. Zelinskii Institute for Organic
Chemistry of the Russian Academy
of Sciences, Russian Federation



GIUSEPPE ORLANDO
Università degli Studi di Bari
"Aldo Moro", Italy

Scientific TOPICS

- Earth System & Climate Science
- Atmospheric Processes & Air Quality
- Hydrology & Cryosphere
- Oceanography & Marine Science
- Biodiversity, Ecology & Nature-Based Solutions
- Soils, Agro-ecosystems & Food Security
- Environmental Chemistry & Toxicology
- Contaminants, Pollution Control & Circular Economy
- Next-Generation Waste Management
- Remote Sensing, GIS & Digital Earth
- Environmental Engineering, Infrastructure & Smart Cities
- Renewable Energy, Carbon Management & Green Tech
- AI-Driven Environmental Intelligence & Predictive Analytics

Contact us: Email: environment@magnusconference.com

Web: <https://environmentalscienceconference.com/>

Phone: 1 (702) 988 2320 | **WhatsApp:** +1 (540) 709 1879



Hotel Alimara
Carrer de Berruguete, 126,
Horta-Guinardó, 08035 Barcelona, Spain

Keynote Presentations

Dai Yeun Jeong, Jeju National University, South Korea

Title: The concept of environment and its relationship with humans

Carme Ferre Pavia, Universitat Autònoma de Barcelona, Spain

Title: Young communicating climate change on social media: Facts and proposals

Giuseppe Orlando, Università degli Studi di Bari "Aldo Moro", Italy

Title: The cost and severity of extreme natural disasters: What they mean for society and insurance

Oleksandr Novoseltsev, General Energy Institute of the National Academy of Sciences of Ukraine, Ukraine

Title: The business logic of service-oriented transformation of urban energy systems

Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation

Title: Personalized and Precision Medicine (PPM) as a unique healthcare model and a Strategic case to secure the human healthcare and wellness via Re-shaping ecosystems and stabilizing the climate

Sanjeev Gajjela, Tomato Sustainables LTD, United Kingdom

Title: Advancing sustainable aviation fuels: Integrated pathways, analytical validation, and scalable commercialisation

Brototi Biswas, Mizoram University, India

Title: Displaced but not invisible: Socio-economic implications of Myanmar refugees in Mizoram

Oral Presentations

Milagros Becerra Zambrano, Clark University, United States

Title: Climate change and social vulnerability: A case study of the Mexico-Lerma-Cutzamala region

John Wakefield, Liverpool University, United Kingdom

Title: Some housing issues Malaysia 2020 and beyond

Magda Regina Santiago, Instituto Biologico, Sao Paulo, Brazil

Title: The important role of Zebrafish in ecotoxicological studies

Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation

Title: Personalized and Precision Medicine (PPM) as a unique healthcare model through Design-driven biotech and upgraded business marketing to secure the Planetary ecosystem, human healthcare and biosafety

Ana Santos, Lisbon University, Portugal

Title: Amateur sports clubs and the politics of sustainability: A critical sociological perspective from Portugal

Tewelde Sahle Tkabo, RUDN University, Russian Federation

Title: Adsorption of acetone on HNO₃-treated AG-3 activated carbon: Performance and kinetic study

Fahad Alanazi, The Saudi Food and Drug Authority, Saudi Arabia

Title: Prevalence and antibiotic resistance patterns of gram-negative bacteria isolated from cosmetic products

Elena Partal, National Agricultural Research and Development Institute Fundulea, Romania

Title: Climate resilience as a key factor for sustainable management: Integrated approaches in Romanian agriculture

Tongqian Zhang, Qingdao Binhai University, China

Title: Performance of montmorillonite-nonionic polyacrylamide water-conducting material

Mukesh Sharma, Oil India Limited, India

Title: Next generation waste management of oilfield produced water via desalination and solid waste utilization

Ashanendu Mandal, Former Chief General Manager Oil and Natural Gas Corporation Limited, India

Title: Application of solid waste materials for adsorptive removal of toxic phenol from wastewater to protect environment and also to generate circular economy

Mohammed Muslim Sheikh, Government Lohia College, India

Title: Land degradation and desertification in the Thar Desert of India: A geographical analysis

Virendra Kumar Goswami, Indian Institute of Technology & Environment and Peace Foundation, India

Title: Role of artificial intelligence and remote sensing to study chemical processes and breakthroughs in catalytic oxidation to develop technologies for 'Chemical Remediation of the Aquatic pollution'(cart)

Vijayan Gurumurthy Iyer, Techno-Economic-Environmental Study and Check Consultancy Services, India

Title: Environmental science, sustainability and global innovation for prevention of contamination and pollution control in seed-cotton (or kapas) development

A Jeevarathinam, V V Vanniaperumal College for Women, India

Title: Ecologically compatible edible cutlery for a sustainable future

Nandagopal Paramesh, Sthira Environment, India

Title: Impact of voluntary carbon markets on REDD+ projects globally

Kalpana Mishra, ITM University, India

Title: Carbon sequestration strategies: From forests to cities

Aman Parashar, ITM University, India

Title: Carbon sequestration strategies: from forests to cities

Madhu Prakash Srivastava, Maharishi University Information Technology, India

Title: Eco-friendly alternatives such as the use of biocontrol agents and biofertilizers on different media: Trichoderma Species

Stephen T F Poon, MILA University, Malaysia

Title: Resilience through ecological ethics: Towards a sustainable global food system

Christine Yeo Wan Sieng, Universiti Malaysia Sabah, Malaysia

Title: Effects of Nitrogen (N₂) shielding and purging gases on weld performance in austenitic stainless steels: An overview

Assis Kamu, Universiti Malaysia Sabah, Malaysia

Title: Economic growth, energy intensity, and carbon emissions in developing and emerging economies: Policy lessons from two decades of evidence

Virgilio B Ratunil Jr, Surigao del Norte State University, Philippines

Title: Puerulus fishing industry in Surigao Del Sur: Practices, gear deployment and price trends, and economic return

Andy L Catulin, Cagayan State University, Philippines

Title: Green energy: Bioethanol production from non-edible macroalgae of Cagayan Province, Northern Philippines

Xavier Koenig, Universite des Mascareignes, Mauritius

Title: Improved ecosystem condition but reduced services? Modelling corporate land use effects on a watershed in Mauritius

Eslam S Hemeda, Menoufia University, Egypt

Title: Improving mechanical properties of recycled aggregate pervious concrete using Taguchi method

Awatif Ebrahim Mostafa, Egyptian meteorological Authority, Egypt

Title: Seasonal forecast of precipitation during winter season using Climate Predictability Tool (CPT) over Ethiopia

Amna Abbas, University of Sindh, Pakistan

Title: Fabrication and characterization of composite-based nanofibers for advanced functional applications

Frank Gordon Kirkwood, Independent Researcher, Belize

Title: Belize development opportunities and risks – Environment, economy and employment

Mohammed El Khasmi, Hassan II University of Casablanca, Morocco

Title: Impact of environmental stress on homeostasis and meat composition in dromedary and rabbit

Yousra Kachbou, Euromed University of Fes, Morocco

Title: Apatite-structured phosphate compounds for eco-friendly solid-state energy storage: Role of ion substitution

Reza Zahedi, Islamic Azad University, Iran

Title: Hydrocarbon sewage treatment and recovery of water and hydrocarbon materials

Amir Ebrahimi, University of Birjand, Iran

Title: Detecting and mapping dust emission hotspots in South Khorasan, Central Eurasia

Seid Ahmed, Ayuda Enaccion, Ethiopia

Title: Impact of flooding disaster risk management policy for resilience building in pastoral and agro-pastoral community

Obami Ondon Harmel, Marien NGOUABI University, Congo

Title: Environment, development and resilience: Africa and Congo facing the challenges of the 21st century

Burah Tijjani, Federal University of Technology, Nigeria

Title: Optimization of oxygen and nitrogen gas production from oxygen pressure swing adsorption plant

Olugbenga Enisan, Federal University of Technology, Nigeria

Title: Spatial analysis of urban expansion on ecologically sensitive areas in lagos Nigeria

Okonko Ini Augustine, University of Nigeria, Nigeria

Title: Tracking sustainability compliance of buildings in rapidly urbanizing Southeastern Nigeria

Ugochukwu Romanus Onyeukwu, University of Agricultural and Environmental Sciences, Nigeria

Title: Harnessing innovation for sustainable environmental solutions: Bridging science and global impact

Abdulhadi Fagge Musa, Bayero University, Nigeria

Title: Bridging the gap: Transforming cutting-edge environmental research into global solutions

Ibrahim Olanrewaju, Lower Niger River Basin Development Authority, Nigeria

Title: Environmental degradation of Niger delta basin area: The impacts of oil and gas exploration and exploitation on inhabitants and the influence on the changing climate, South-south Nigeria

Dombor Djikoloum Dingao, Higher Teacher Training College of Abeche, Chad

Title: Climate change in Chad: Between environmental protection and resilience

Alusine Kagbeni, Climate Action Sierra Leone, Sierra Leone

Title: Climate justice and waste equity: Addressing the disproportionate impact of poor waste management on vulnerable communities

Omer Ahmed Ibrahim, Ministry of Water Resource Development, Somalia

Title: Flood inundation mapping and mitigation options in data-scarce region of Beledwayne town in the Wabi Shebele River Basin of Somalia

Tahiry Ranaivoson, University of Antananarivo, Madagascar

Title: Assessment of the distribution and use of tamarind trees in Southwestern Madagascar, for sustainable utilization

Tony Arison Ramihangihajason, Institute and Observatory of Geophysics of Antananarivo, Madagascar

Title: Using natural capital accounting to support the implementation of ecovillages in Madagascar

Pranshu Tyagi, University of Maryland, United States

Title: The impact of nutrient pollution on Crassostrea virginica populations in the Chesapeake Bay Watershed between the years 2000 and 2019

Kelly Liu, Valley Christian High School, United States

Title: From spread to suppression: A computational wildfire model with machine learning guided suppressant optimization

Andy Seo, Philips Exeter Academy, United States

Title: Structure and function prediction of a potential α -glucosidase from Miscanthus lutarioriparius

Felipe Augusto Moro Loureiro, Tupa Bioenergy, Brazil

Title : Bioenergy from biomass waste

Alper Yilmaz, Gungor & Yilmaz Law Firm, Turkey

Title: Towards a just transition insurance mechanism integrating climate risk, social protection, and green finance

Edward Paul S Marasigan, Forest Products Research and Development Institute, Philippines

Title: Design and development of multi functional school furniture

Xavier Koenig, Universite des Mascareignes, Mauritius

Title: The island nation as system and scale to examine the One Health concept: The case of Mauritius

Lloyd Florens, University of the Mascarenes, Mauritius

Title: Responsible application of artificial intelligence for Biodiversity (BD) conservation in Mauritius

Ahmed Fathi Younes Gelany, Syndicate of Scientific Professions, Egypt

Title: Eco-innovations for coastal resilience: Natural alternatives to industrial barriers

Ahmed Abo Earban Elsayed, Al Azhar University, Egypt

Title: Economic affect of foot and mouth diseases and effect his on agricultural trade Arabic

Astrid Ruiz Almanza, Technological University of Panama, Panama

Title: Nature-based solutions: Evaluation of Sustainable Drainage Systems (SuDS) at pilot scale for flood control in Panama

Sima Malekmohammadi, Imam Khomeini International University, Iran

Title: Data-driven modeling and optimization of the coagulation process in water treatment using RSM and neural networks

Pape Abdoulaye Diaw, Diop University of Bambey, Senegal

Title: Removal of hydroxychloroquine from waters by the electrochemical treatment

Lubna Mohammed Abdallah Hassan, Wildlife Research Center, Sudan

Title: Marine turtles of the red sea coast, Sudan: Biodiversity, coastal ecosystems, and conservation

Oral and Poster presentation slots are available!