



ACADEMY NATURE EVENTS

GREENENERGY2025

Webinar | March 27-28, 2025.

ANE GLOBAL MEET AND EXPO ON
**GREEN ENERGY AND
ENVIRONMENTAL TECHNOLOGY**

**FINAL
PROGRAM**



DAY-1, March 27-2025**Thursday- CST (China Standard Time) GMT+8****Conference Chair: Guohe Huang, University of Regina Canada****Conference Co-chair: Jinsong Wu, University of Chile, Chile**

09:00-09:15	Registrations	
09:15-09:30	Opening Ceremony	
09:30-09:55	Title: One Health: Environmental Health from the Perspective of Animal Health Kaori Sasaoka , Department of Public Health in Okayama University, Okayama, Japan	K
09:55-10:20	Title: Energy Audit to Prevent Earth Boiling Masatoshi Kakegawa , Kakegawa Professional Engineer, Japan	I
10:20-10:45	Title: Graphene Coating on Silicon Nanocone Anodes for Lithium-Ion Batteries Changzhi Gu , Chinese Academy of Sciences, China	I
10:45-11:15	Title: Physical Chemistry Aspect of Heterogeneous Catalysis for Energy Conversion and Green Environment Bo-Qing Xu , Tsinghua University, China	K
11:15-11:30	Coffee Break	
11:30-12:00	Title: Green Energy and Environmental Technology Ruomei Li , Chinese Society of Electrical Engineering, China	K
12:00-12:30	Title: Green Thermal Energy Technologies for Advancing Decarbonization Chua Kian Jon Ernest , National University of Singapore, Singapore	P
12:30-13:00	Title: Impact of Acetic Acid Hydrogen Production in Chlamydomonas Reinhardtii Bacteria Co-Cultures Ashraf Aly Hassan , United Arab Emirates University UAE	K
13:00-13:25	Title: Assessing the Impact of Renewable Energy Integration on Energy Efficiency within the China-Pakistan Economic Corridor (CPEC) Anis Bensadi , Shenzhen Technology University, China	I
13:25-13:30	Coffee Break	
13:30-13:50	Title: Graphene Coating on Silicon Nanocone Anodes for Lithium-Ion Batteries Changzhi Gu , Chinese Academy of Sciences, China	P1

13:50-14:20	Title: Challenges and Opportunities of Renewable Energy in a Carbon Neutral Society LU Xi , Tsinghua University, China	P
14:20-14:50	Title: Green Energy and Environmental Technology Chung Yuan Kung , National Chung Hsing University, Taiwan	K
14:50-15:20	Title: Green Energy and Environmental Technology Guohe Huang , University of Regina, Canada	P
15:20-3:50	Title: Green Energy and Environmental Technology Jinsong Wu , University of Chile, Chile	P
15:50-16:20	Title: Advancements in Carbon Capture Technologies: A Pathway to Net-Zero Emissions of Speech Chirag Bhimani , CEO, Catamaran Enterprises, LLC	K
16:20-16:45	Title: The Role of Algae in Green Energy Roger Achkar , Founder of GWCN, University of Leicester, UK	K
END OF THE DAY 1		

DAY-2-March-28-2025

Friday- IST (Indian Standard Time) GMT+8

Conference Chair: Guohe Huang, University of Regina, Canada

Conference Co-chair: Jinsong Wu, University of Chile, Chile

09:15-09:30	Opening Ceremony	
09:30-10:00	Title: Green Energy and Environmental Technology Mohd Hariri Arifin, University Kebangsaan Malaysia, Malaysia	P
10:00-10:20	Title: Comprehensive Study of Ferrite-Manganite Nano composites: Electrical and Magnetic Properties for Hydroelectric Cells Chitrlekha, Multanimal Modi College, India	P2
10:20-10:40	Title: Synthesis and Characterization of Hexagonal Perovskite-Related Oxides for Green Energy Applications in Solid Electrolytes Hera Tarique, Jamia Millia Islamia, India	P3
10:40-11:00	Title: Investigating the Effect of Calcium Titanate on Structural, Mechanical, Optical and Electrical Properties of Environment-friendly Lead-free KNN Ceramics Ravinshu, Netaji Subhas University of Technology, India	P4
11:00-11:15	Coffee Break	
11:15-11:35	Title: Grain Size and Microstructural Modifications in Probing Radiation-Induced Local Structural Dynamics Vivek Kumar, Jawaharlal Nehru University, India	P5
11:35-11:55	Title: Green Technology for Hydrogen and Methane Production by Anaerobic Digestion in Two Steps Lyudmila Kabaivanova, Stephan Angel off Institute of Microbiology – BAS Sofia, Bulgaria	P6
11:55-12:25	Title: Chemical Renewable Energy Storage Technologies: Hydrogen, Ammonia and E-fuels Blaz Likozar, National Institute of Chemistry Slovenia, Slovenia	K
12:25-12:50	Title: Modification of the Chemical Composition and the Natural Durability of Avicennia Germinans Mangrove tree of the Estuary region of Gabon exposed to Marine Hydrocarbons Pollution Saint Bickolard Mabicka Iwangou, LaReVa Bois IRT Libreville, France	I
12:50-13:05	Coffee Break	

13:05-13:35	Title: Caloric Cooling and Heat Pumping Technologies Based on Sustainable Solid-state Refrigerants Adriana Greco , University of Naples Federico, Italy	K
13:35-14:00	Title: Optimization of Green Hydrogen Electrolyser Plant Efficiency and Required Power Quality Solution Helton Bezerra , Maschinenfabrik Reinhausen GmbH, Germany	I
14:00-14:30	Title: Innovations in Electrochemical Technology for the Low Carbon Energy Transition Nigel Brandon , Imperial College London, UK	P
14:30-15:00	Title: Nature Intelligence Luiz Moutinho , University of Suffolk, UK	K
15:00-15:25	Title: Humic acid and nano-zeolite NaX as low cost and eco-friendly Adsorbents for Removal of Pb (II) and Cd (II) from water: characterization, kinetics, isotherms and thermodynamic studies Alyaa A. Zidan , National Institute of Oceanography and Fisheries, NIOF, Egypt	I
15:25-15:50	Title: AI-Driven Optimization for Reducing Embodied Carbon in Green Building Design Dilba Midlaj Rayaru Kanditil , Liverpool John Moores university, Qatar	I
15:50-16:15	Title: Soon We Will Update Clark Marchese , Pine Forest Media, USA	I
END OF DAY 2		

GMEGEST2025

Kuala Lumpur, Malaysia | November 13-15, 2025

2ND GLOBAL MEET & EXPO ON

GREEN ENERGY & SUSTAINABLE TECHNOLOGIES

