

### **Peers Alley Media**

1126 59 Ave East, V5X 1Y9, Vancouver BC, Canada WhatsApp: +1 (506) 909-0537 Contact us: adv.escc@peersacademy.com

4th Global Summit on

# ADVANCES IN EARTH SCIENCE AND CLIMATE CHANGE

September 29-30, 2025 | Berlin, Germany

### Theme:

Earth's Future: Harnessing Science, Technology, and Equity for a Sustainable Planet

#### **Sub-themes:**

- Al and Big Data in Earth and Climate Science
- Geoengineering: Technological Innovations for Climate Intervention
- Impact of Climate Change on Biodiversity and Ecosystems
- Sustainable Energy and Climate Solutions
- Water Resources and Climate Adaptation
- Smart Cities and Sustainable Urbanization for Climate Adaptation
- Remote Sensing and Satellite Technologies for Earth Observation
- Blockchain and Digital Technologies in Climate Finance and Carbon Trading
- Advancing Climate Science and Modeling
- Green Technologies and Sustainable Practices
- Policy, Governance, and Global Climate Action

**ADV. ESCC 2025** 

https://advanced-earth-climate-change.peersalleyconferences.com/

2	DAYS WITH MORE THAN 45 SESSIONS, KEYNOTES & ORAI PRESENTATIONS
12+	INNOVATIVE FEATURED SPEAKERS
20+	HOURS OF NETWORKING EVENTS
60+	INTERNATIONAL SPEAKERS
125+	EDUCATIONAL SESSIONS

# WHO SHOULD ATTEND?

**Academies Biochemists** Astronomers **Business & Industry Chemical Engineers Biologists Environmental** Climatologists **Ecologists Engineers Environmental** Geologists Hydrologists Researchers **Industries Marine Biologists** Meteorologists Microbiologists Non – Governmental Oceanographers Microbiologists Organizations Researchers and Research Institutions Research Labs **Innovators** Students **Waste Management** Soil Scientists **Environmental** Medics and Decision-**Epidemiologists** Geoscientists Makers Faculty **Policy Makers** Geologists

### **WELCOME MESSAGE**

# **Dr. Jude Currivan**Co-founder WholeWorld-View, UK www.wholeworld-view.org





### Dear Colleagues,

It is my great pleasure to welcome you to the **4**<sup>th</sup> **Global Summit on Advances in Earth Science and Climate Change**. The conference will be held next year (2025) from **September 29-30**, taking place in the vibrant city of Berlin, Germany. The theme of the conference is "Earth's Future: Harnessing Science, Technology, and Equity for a Sustainable Planet".

Having participated in the 2024 conference and greatly appreciating the wide-ranging, knowledgeable and ground-breaking presentations and the enthusiastic dialogues they engendered, I highly recommend the conference as an opportunity to exchange ideas and recent advances within and across disciples, enabling a global vision and practical exploration of ways forward.

**Adv. ESCC 2025** will continue to build on and expand its themes by examining the scientific background, management and developmental considerations in addressing climate change, environmental depredation and biodiversity loss and by focusing on preservation, restorative and regenerative policies, approaches and praxis.

The conference will feature keynote and plenary sessions, poster presentations and student forums and encourage dialogue and networking.

In providing an opportunity to gather and discuss perspectives and empower breakthroughs in Earth Science and Climate Change research, the conference reinforces the importance of collaborations and supports synergizing and collective efforts. **Adv. ESCC 2025** invites and welcomes researchers, scientists, academicians, students and entrepreneurs to showcase their work, new policy proposals and exemplars of effective actions at this global and emergent platform.

Best Regards,

Dr. Jude Currivan

Co-founder WholeWorld-View, UK

### **WELCOME MESSAGE**

### **Prof. Carlos Sousa Oliveira**

Instituto Superior Técnico, Universidade de Lisboa, Portugal





### Dear Colleagues,

I am delighted to welcome you to the 4<sup>th</sup> Global Summit on Advances in Earth Science and Climate Change (Adv. ESCC 2025), taking place on September 29-30, 2025, in Berlin, Germany. This year's theme is "Earth's Future: Harnessing Science, Technology, and Equity for a Sustainable Planet."

One of the key benefits of **Adv. ESCC 2025** is the opportunity for interdisciplinary exchange among experts from diverse fields. By uniting various perspectives, we aim to bridge gaps that often arise when professionals focus solely on their specialties. The conference will explore essential scientific foundations and management strategies to tackle climate change, conserve natural resources, and address ecosystem risks from personal and industrial practices.

Attendees can look forward to keynote and plenary sessions, student poster presentations, a young researchers' forum, workshops, symposiums, exhibitions, and networking opportunities. Discussions will center on topics such as global warming, environmental sustainability, biodiversity, and eco-friendly innovations.

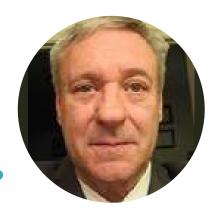
As climate change is an immediate concern, this conference will gather global insights and breakthroughs in earth science and climate research. We invite researchers, scientists, students, and entrepreneurs to share their work and policy proposals on this important international platform.

Best Regards, **Prof. Carlos Sousa Oliveira** Instituto Superior Técnico, Universidade de Lisboa, Portugal

### **WELCOME MESSAGE**

David M. Watry University of Malta, Malta





### Dear Colleagues and Friends,

I welcome everyone to attend the 4th Global Summit on Advances in Earth Science and Climate Change in Berlin, Germany on September 29-30, 2025. This is a great opportunity to enhance your academic standing, while developing personal and professional growth. Please take advantage of meeting numerous scholars from around the world.

Best Regards, David M. Watry, University of Malta, Malta

### PRESENTATION FORUM



### **KEYNOTE FORUM / MINI-PLENARY SESSIONS**

Presentations under Keynote Forum or Mini-Plenary Sessions includes abstracts with remarkable research value selected by the program committee. These significant speeches are delivered by globally recognized honorable speakers and it is open to all registrants.



### **DISTINGUISHED SPEAKERS FORUM (ORAL ABSTRACT SESSIONS)**

In this forum, speakers and experts of the research field gets an opportunity to showcase their noble research work that involves comprehensive research findings. These formal oral presentations include a wide range of talks covering basic research to advanced research findings in accordance to the theme and scientific sessions of the conference.



### STUDENT FORUM

### **POSTER SESSION**

This session is particularly introduced to encourage more number of student participation at international conferences, however it is not restricted only to students since it is also available for the participants with language barrier. There are specific guidelines to be followed to prepare the poster. Poster topic should be selected only from relevant scientific sessions with in-depth technical details.



#### YOUNG INVESTIGATORS FORUM

An exclusive opportunity for students and young investigators to present their research work through a formal oral presentation. Young Investigators Forum provides a global platform for young researchers and scholars to showcase their valuable contribution to the scientific world and to get acknowledged by the global scientific community of experts. It is an excellent opportunity to recognize young scientific assets with promising research ideas. These oral presentations are of shorter time duration with 10–15 minutes of informative and precise presentations in relevant scientific sessions.



### EDUCATIONAL WORKSHOPS/RESEARCH WORKSHOPS/CORPORATE WORKSHOPS/MINI-SYMPOSIA

With an aim of transferring knowledge among the participants, workshops are introduced as a part of international conferences. These interactive and occasionally practical sessions gives an opportunity for participants to engage in detail discussion. Workshops are mostly scheduled for 60 to 90-minutes. It may range from learning about a specific topic relevant to international education, products and research which sometimes involves practical demonstration. It helps in enhancing skills, knowledge and understanding of the research field in depth through interactive discussions.



### HIGHLIGHTS OF THE DAY SESSIONS

"Highlights of the Day Sessions" is introduced to discuss and focus a ray upon previous day ORAL ABSTRACT presentations by experts to summarise the key findings. It helps in getting better insights into the various dimensions of the topic.



### MEET THE PROFESSOR @ NETWORKING SESSIONS

This session involves open discussion between the experts and session attendees, it gives enough time for getting answers to specific questions and doubts. It is an opportunity for attendees to increase their professional networking, sometimes also leads to an excellent collaboration opportunity.



### **EDUCATIONAL SESSIONS/ TRAINING PROGRAMS**

Educational Sessions or training programs are specifically designed for a better understanding of the latest findings and technologies. These are generally 45-minute sessions that gives an exposure to the multidisciplinary field, that provides in-depth learning experiences and address educational needs.



# REGISTER & PARTICIPATE

ADV. ESCC 2025

https://advanced-earth-climate-change.peersalleyconferences.com/

### TYPES OF ACADEMIC REGISTRATIONS

**Speaker Registration** 

COMBO A (Registration + 2 Night Accommodation)

COMBO B (Registration + 3 Night Accommodation)

**Delegate Registration** 

### TYPES OF STUDENT REGISTRATIONS

Registration

YIF

COMBO A (Registration + 2 Night Accommodation)

COMBO B (Registration + 3 Night Accommodation)

**Posters** 

### TYPES OF BUSINESS REGISTRATIONS

**Speaker Registration** 

COMBO A (Registration + 2 Night Accommodation)

COMBO B (Registration + 3 Night Accommodation)

**Delegate Registration** 

### TYPES OF ADDITIONAL REGISTRATIONS

**Accompanying Person** 

E-Poster

**Virtual Presentation** 

Workshops

Start-Ups

9

# TIME TO CONNECT



WITH YOUR
PEERS



## CONCURRENT **EDUCATIONAL SESSIONS**



MONDAY - SEPTEMBER 29, 2025



- Agriculture and Food Security
- **Atmospheric Chemistry**



- **Biodiversity**
- Bio-geochemistry
- **Climate Change**

### GROUP PHOTO | COFFEE BREAK



- **Earth Science**
- **Ecology**
- **Environmental Design**



- **Environmental Economics**
- **Environmental** Science
- **Fossil Fuels and** Energy

### **LUNCH BREAK**



- Geochemistry
- Geology
- Geophysics



- Glaciology
- **Green Energy**

### **COFFEE BREAK**



- Hydrogeology Hydrology



- Limnology Meteorology



# CONCURRENT EDUCATIONAL SESSIONS



TUESDAY - SEPTEMBER 30, 2025



- Natural Hazards
- Oceanography
- Paleontology
- Petrology
- Physical Geography



- Plant Science and Biotechnology
- **Pollution Control**
- Recycling
- Remediation

### GROUP PHOTO I COFFEE BREAK



- **Remote Sensing**
- Renewable Energy
- Sewage Treatment
- Soil Science
- **Waste Management**



- **Climate Change**
- **Challenges Sustainability**
- Greenhouse Gases effect on Climate Change
- Fossil Fuels effect on Climate Change

### **LUNCH BREAK**



- Land Degradation effect on Climate Change
- Degrowth effect on Climate Change



- Kelp Forests effect on Climate Change
- Climate Modeling and Prediction
- Climate Change Mitigation Strategies

### **COFFEE BREAK**



- Climate Change
- Climate Change and Human Health
- Climate Finance and Investment
- Climate Education and Outreach



- Climate Change and Land Use Planning
- Green Technology Innovation
  - Climate Change and Air Quality
    - Climate Resilient Infrastructure





### September 29-30, 2025

https://advanced-earth-climate-change.peersalley conferences.com/

### Berlin, Germany

Featured Speakers	Presentation Titles
John Wang Montclair State University, USA	Modeling a Century of Climate Change: Random Walk with Drift in Earth's Temperature Trends
Michele Friend George Washington University, USA	Holistic Remediation and Restoration
Sun Ho Ro AEOM, USA	Automating Post-Disaster Image Classification for Enhanced Damage Assessment
Ivan Kudrenko & Lindsey Hall Charleston, USA & Topsham, UK	Adoption of reusable transit packaging in US industries: a framework for enhanced sustainability
Rexford Osei Owusu The University of Utah, USA	Supply and demand of ecosystem services of urban green spaces in deprived areas: Perceptions from Kumasi, Ghana
Juergen Reichardt MSA Muenster School of Architecture, Germany	Novel Concept and Technologies of Sustainable Building Design
Albert Fassler Bern University of Applied Sciences, Switzerland	Mankind Problem Climate Change
KHAN Muhammad Abid Chiba University, Japan	Evaluation of Wind Speed Accuracy Enhancement in South Asia Through Terrain-Modified Wind Speed (Wt) Adjustments of High-Resolution Regional Climate Modelling



Maria Victoria Espaldon University of the Philippines Los Banos College, Philippines	Climate Emergency in the Philippines: Impacts, Adaptation and Climate Action
ZERGUINI Seghir University of Bordeaux, France	SIMUTEC: A Multi-Sector Simulation Platform for the Systemic Impact Analysis of urban policies to Support Local Authorities in the Ecological Transition of their Territories
Tulio Hallak Panzera Federal University of Sao Joao del-Rei, Brazil	Innovative Sandwich Panels: Pioneering Sustainable Solutions through Renewable and Recycled Materials
Sarah Mathilde Salome Beauvais Centro de Investigaciones Biologicas del Noroeste, Mexico	Movement patterns and residency of silvertip sharks (Carcharhinus albimarginatus) in a remote archipelago of the Eastern Tropical Pacific
Andre Abrahams & Talita Van Wyk The Independent Institute of Education (IIE), South Africa	Mainstreaming Education in for Sustainable Development (ESD) in Higher Education
Nafn Amdar Technical University of Delft, Netherlands	Navigating Jordan's Water Resources Futures: Global Hydrological Modelling Under Socio-Economic Developments and Climate Change
Azad Bayramov Republican Seismic Survey Center of the Azerbaijan National Academy of Sciences, Azerbaijan	Investigation of geodynamic factors impacted on radon emission using a radiometric system with Al
Viktoriia Ivannikova Dublin City University, Ireland	Impact of the War in Ukraine on the Global Air Transportation Ecosystem
Vicente A. Pitogo Caraga State University, Philippines	Farm Vista: A Data-Driven Agri Chain Management
Nadeem Ullah Tianjin University, China	Insights into climate change dynamics: A tourism climate index-based evaluation of Gilgit-Baltistan, Pakistan
Eleni G. Makri Unicaf, Cyprus	Intelligent Systems and the Metaverse Renewable Energy Trading: An Open Innovation Modelling Approach
Stefan Brunnhuber World academy of Art and Science, Germany	Financing our common transformation- How to really finance our planetary commons, hedge systemic risks and mobilize private capital



Antonio Santoro University of Florence, Italy	Why traditional rural landscapes are still important to our future
Valentino Straser University of Makeni, Sierra Leone	Earthquakes: Lithosphere-atmosphere interactions and biological implications in the Northern Apennines (Italy)
Paolo PORTO University Mediterranea of Reggio Calabria, Italy	Using Cs-137 Resampling Method as a Tool to Assess Soil Erosion
Edwin E. Nyakilla Chinese Academy of Sciences, China	Evaluation of reservoir porosity and permeability from well log data based on an ensemble approach: A comprehensive study incorporating experimental, simulation, and fieldwork data
Huaping Sun University of Science and Technology Beijing, China	Cross-regional Spot Trading Empowers Enterprise's green innovation: Asymmetric Mechanism from the Perspective of Market Competition and Demand Scale
Hayat Khan Guangdong University of Foreign Studies, China	Global Value Chains and CO2 Emissions: Governance Quality and Technological Assimilation as Mitigating Factors
Zhanggen Zhu Guangzhou University, China	Spontaneous Formation of Evolutionary Game Strategies for Long-Term Carbon Emission Reduction Based on Low- Carbon Trading Mechanism
Fangfang Li China Agricultural University, China	Optimized renewable energy planning in China
Zhaoyuan Li Southwest Forestry University (College of Soil and Water Conservation), China	Spatial Association Network Analysis: A promising approach for the studies of community ecology
Jungho Park Cheongju University, South Korea	Post-conflict economic recovery and land policy in South Korea between 1948 and the early 1960s
Francisco Ortiz Arango Universidad Panamericana, Mexico	Possible alternatives for the Mexican electrical system to achieve the goals of the transition toward clean energy
Silvana Maria Jose Sione National University of Entre Rios, Argentina	Large-scale atmospheric circulation modulates Prosopis nigra growth in subtropical woodlands of southeastern South America



Angela Kallhoff University of Vienna, Austria	Greentopia in the Anthropocene
Muhammad Muzammil Kamis Universiti Kebangsaan Malaysia, Malaysia	Assessing Climate Change Vulnerability in Coastal Communities: A Composite Vulnerability Index Approach in Kuala Gula, Malaysia
Ibrahim Mahmoud Darwish Beirut Arab University, Lebanon	The Antecedents of customers' green purchase intention: bridging the eco gender gap
Melanie Requier-Desjardins CIHEAM-IAMM, UMR SENS, France	First findings of NATAE : Fostering Agro- Ecological Transition In North Africa Through Multi-Actor Design, Evaluation And Networking
A. Miguel Piecho-Santos  Portuguese Institute for the Sea and the  Atmosphere (IPMA), Portugal	From Canoes to Industrial Fishing: the Fishing Vessels Ocean Observing Network (FVON)
Vytautas Paulauskas Klaipeda university, Lithuania	Mooring of ships in very restricted port areas and determination of tugboat pulling force during ship mooring operations
Boranbayeva Laura Yergaliyevna Kazakh National Technical University after K.I. Satpayev, Kazakhstan	Investigations of Paraffin Deposition Processes and Development of the Methods to Improve Rheological Parameters of Highly Waxy Oils
Patrichka Wei-Yi Chen National Taiwan Ocean University, Taiwan	Investigation of the Growth and Mortality of Bacteria and Synechococcus spp. in Unvegetated and Seagrass Habitats
Abubakar Ali Gumel Near East University, Turkey	Applying Multi-Layer Perceptron Neural Network to Predict Wind Speed in Lebanon
Giovanna Lucia Piangiamore & Alessandra Maramai Istituto Nazionale di Geofisica e Vulcanologia, Italy	Water Risk: A game learning experiment to raise awareness on tsunami hazard
Flavia Oliveira Monteiro da Silva Abreu State University of Ceara, Brazil	Polysaccharide Nanoemulsions for antifungal and anthelmintic applications
Hector Lopez Loera Instituto Potosino de Investigacion Cientifica y Tecnologica, Mexico	Internal structure of the southern and central Colima volcanic complex, western Mexico, revealed by 3D modeling of aeromagnetic data



Lucineia dos Santos **Development of Phytoproducts from** Agave sisalana Waste Extract Sao Paulo State University, Brazil **Enhancing the Efficiency of Lithium-Ion** Sikiru Surajudeen Olalekan **Batteries: The Role of Physical Properties** Universiti Teknologi Mara, Malaysia in Anode Material Selection **Nouf Alageel Sustainable Strategies in Traditional Riyadh Housing** Prince Sultan University, Saudi Arabia Oil Refinery Release of Pollutants in Giovanni Pagano **Human and Animal Health: The Case of** University of Naples Federico II, Italy **Priolo (Eastern Sicily) Oil Refinery** Assessing Environmental Hazard Othman A Fallatah Parameters of Natural Radioactivity in a King Abdulaziz University, Saudi Arabia **High Background Area** A matter of energy injustice? A Andre Mateus Bertolino comparative analysis of biogas Federal Institute of Education Science and development in Brazil and Italy Technology of Parana, Brazil Kemal Adem Abdela **Greenhouse Gas Emission, and Mitigation** Nanjing University of Information Science and Strategies in Africa: A Systematic Review Technology, China Combination of the first and second law of Carlos Eduardo Keutenedjian Mady thermodynamics to assess environmental Institute of Energy and Environment of the buildings aiming at achieving a more University of Sao Paulo, Brazil inclusive environment Nexus between rural poverty and Sabrina Do Miswa environmental quality: Empirical evidence BPS-Statistics Indonesia Balikpapan City, from Indonesia Indonesia **Unraveling Climate Change** Nor Hasliza Md Saad Discourse on X: Insights from Social Universiti Sains Malaysia, Malaysia Network Analysis Using NodeXL - A **#Together4Transparency 2024 Digital Campaign Perspective Carlos Henrique Alencar Almeida** Thermoelectricity powered by passive heat sources IFPB. Brazil Michael Seadle Information Science: why it is not Data Berlin School of Library and Information Science, Science



Yathreb Adnan Sabsabi Beirut Arab University	Integration of Earthen Materials in the Lebanese Construction Industry
Marino Badiale Universita di Torino, Italy	Simple ODE models for interactions of nature and society
Leenshya GUNNOO University of Technology Mauritius, Mauritius	Fostering Sustainable Consumption: The Role of Green Consumerism in Addressing Climate Change in the context of small island developing states
Dai-Yeun Jeong Asia Climate Change Education Center, South Korea	A Desirable Framework for Establishing Climate Change Policy
Nur Shuhada Ishak Yelkenci Istanbul Sabahattin Zaim University, Turkey	Empowering Impactful and Sustainable Business Opportunities in Philanthropy Fintech : Lesson Learned from Ottoman Cash Waqf Finance in business activities
Minaev Oleg Petrovich Peter the Great St.Petersburg Polytechnic University, Russia	Technological priority in the construction of high-altitude hydroelectric dams
Rustam Singatulin Engineering and technology group, Russia	Environmental Aspects of Integrating m-Health Systems into Smart Clothing Based on Neural Networks and 5G/6G Technologies
Sıdıka Bascı Ankara Yıldırım Beyazıt University, Turkey	Nickel-Powered Sustainability: Revolutionizing the Energy Economy Through Lithium Batteries
Oguz Turunc CAKA MINING, Turkey	Mineral Resource Estimation of Tulallar (Goygol, Azerbaijan) Gold Mineralisation
Alexander A. Bubis V.A.Kucherenko of JSC RCC., Russia	Features of use of the seismic isolation systems in the conditions of permafrost melting
Shahed Saeed Ahmad Alqadi Applied Science Private University, Jordan	Centralized smart energy monitoring system for legacy home appliances
Mary Guendy Ghobrial National Institute of Oceanography & Fisheries (NIOF)	Impact of Restoration Project on Water Quality and Macrophytes Biodiversity of Nile Delta Lake Manzala, Egypt



•••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••
Zaid Jameel Radhi Kamoona Oil Exploration Company, Iraq	Al-Driven Seismic Analysis: Optimizing Oil and Gas Exploration Decisions
Vanishree Beloor JSS Academy of Technical Education, India	Building Resilient and Sustainable Agricultural Supply Chains: The Role of Blockchain and Green Technologies Using ISM DEMATEL
Sobha Cyrus Cochin University of Science and Technology, India	Competitive Immobilisation of Heavy Metals using Chrysopogon Zizanioides from Multi- metal Contaminated Soil
Renu Yadav Kurukshetra University, India	Estimation of Site Correction Term Based on Empirical Transfer Function (ETF) for the Region of North-East Himalaya, India
Sudhanshu Bhatt Sanjivani University, India	Ownership of contactless data in urban transportation systems
V M Gobinath Innovation and Incubation Center at Rajalakshmi Institute of Technology, India	Innovative Approaches Using 3D Bioprinting for Remediation of Toxic Waste"
Laladhaa IV D	
Laladhas K.P University of Kerala, India	Bioprospecting for Food and Nutrition
	Bioprospecting for Food and Nutrition  Bioprospecting Research and Benefit Sharing
University of Kerala, India  Oommen V. Oommen	Bioprospecting Research and Benefit
Oommen V. Oommen University of Kerala, India  Siddhartha Narayan Joardar West Bengal University of Animal and Fisherey Sciences, India	Bioprospecting Research and Benefit Sharing  Emerging threat of bluetongue disease in ruminants of eastern and north-eastern Indian states vis-á-vis changing climate
Oommen V. Oommen University of Kerala, India  Siddhartha Narayan Joardar West Bengal University of Animal and Fisherey Sciences, India  Sanae Jelti	Bioprospecting Research and Benefit Sharing  Emerging threat of bluetongue disease in ruminants of eastern and north-eastern Indian states vis-á-vis changing climate scenario  Numerical modeling of non-equilibrium model for sediment transport in vegetated
Oommen V. Oommen University of Kerala, India  Siddhartha Narayan Joardar West Bengal University of Animal and Fisherey Sciences, India  Sanae Jelti ESTN of Mohammed First University  Deevena Elias	Bioprospecting Research and Benefit Sharing  Emerging threat of bluetongue disease in ruminants of eastern and north-eastern Indian states vis-á-vis changing climate scenario  Numerical modeling of non-equilibrium model for sediment transport in vegetated channels by Roe scheme  Assessing Ecological Status and Management Practices of Renuka



Indrajit Chowdhury Future Institute of Technology, India	Soil-Structure Interaction Analysis of Guyed Stacks under Earthquake Force
Mathew Seikholen Baite ICAR- National Rice Research Institute, India	Effect of staggered rice sowing and flowering timing on false smut incidence
Renju R Krishnan St. Xavier's College, India	Adsorptive removal of Zn(II), Pb(II), and Cr(VI) ions from aqueous solutions using MgFe2O4 nanoparticles: A comprehensive modelling study
Girish Pathade  Krisha Institute of Science and Technology, India	Al for Sustainable Development: Opportunities, Environmental Challenges, and the Path to Green Al
VadimVolkov  K.A. Timiriazev Institute of Plant Physiology, Russian Academy of Sciences, Russia	How to benefit from halophyte plants under global climate change? The road to using potential of salt tolerant barley species to increase salinity tolerance of rice
Mahwish Zafar Superior University	Unveiling Firm-Level Carbon Disclosure: A Systematic Review of Key Research Themes and Policy Implications
Zineb Ellaky Universite Hassan II de Casablanca	Building a New Generation of Social Media Security: Al-Powered Detection and Protection Against Malicious Autonomous Social Agents
Aritra Majumder Jadavpur University, India	Life Cycle Assessment (LCA) of Vernacular Architecture (VA) and Low- cost Conventional Building (LCCB) for Plateau Region of West Bengal, India: A Comparative Study
Guellouh Sami Universite de Batna 2	The Spatiotemporal Distribution of Drought in the Region of Batna (Algeria)
Vagmi Singh CSIR-Central Institute of Medicinal & Aromatic Plants, India	Enhancing growth and essential oil quality of peppermint (Mentha piperita L.) through plant growth-promoting rhizobacterial (PGPR) applications
Hicham Es-soufi National Higher School of Chemistry (NHSC)	Phosphate Glass Electrolytes for Solid- State Lithium-Ion Batteries: A bibliometric analysis
Mohamad Essam Sayed Abdelaal Space Research Institute, Russian Academy of Sciences, Russia	Electromagnetic Phenomena in Planetary Atmospheres Insights from Electrization and Discharge of Dust Aerosol in Arid Environments

.....

Souad Laoues  Mouloud Mammeri University of Tizi Ouzou	The ancient water supply system of Saldae: digitalization and characterization (case of romain tunnel El Habel of Bejaia in Algeria)
Taoufik EL RASAFI Universite Hassan II de Casablanca	Effect of biochar and seed priming on morpho-physiological parameters of Medicago sativa under the combined effect of salinity and Cd stress
M. K. Shobana  Vellore Institute of Technology, India	Advanced Electrode Enrichment Strategies for Enhancing Battery Performance
Ganga. P. Sreenivasan The Gandhigram Rural Institute- Deemed to be University, India	Water Hyacinth and Wellbeing of Rural Women in Kerala: A Study of Gender and Nature from a Regenerative Ecosystem Perspective
Rituparna Chowdhury Indian Institute of Tropical Meteorology, India	The Indian Summer Monsoon: Aerosol- Cloud Interactions and Their Impact on Extreme Rainfall Events
Naveena Joseph College of Engineering Trivandrum, India	Sustainable Stormwater Management Strategies to Solve Water Crisis in Campuses in Tropical Monsoon Climate - A Case Example of College of Engineering Trivandrum
Borkha Mech Dibrugarh University, India	Synthesis of biogenic nanoparticles and its application in water-based drilling fluids
Advaitha Aravind College of Engineering Trivandrum, India	Impact of Tree Canopy on Thermal Performance of a Residential Building
Deepu Vijayan Acharya Jagadish Chandra Bose Indian Botanic Garden	Micropropagation protocol and genetic stability for Rhododendron formosum Wall an endemic plant to Eastern Himalaya and its reintroduction in natural habitat
Arun Dattatray Bhagat Watershed Organisation Trust (WOTR), India	Group Micro Irrigation (GMI) Approach for Sustainable Groundwater Use and Enhanced Water Productivity: A Case Study from Semi-Arid Maharashtra, India
Shreenivas Londhe Vishwakarma Institute of Technology, India	A comprehensive study of downscaling using Model Tree for Climate change
Surendra Jat Geological Survey of India	Ice Sheet Behavior in the sub-basin of Larsemann Hills, East Antarctica
	,

•••••	••••••
R.Sathiya SRM Institute of Science And Technology, India	Non-Isolated High Gain DC to DC Converter using Sustainable Energy
Hari Krishna Padavala National Institute of Technology, India	Strength and Flexural Fatigue Behavior of Concrete Prepared with Waste Plastic as Partial Replacement to Fine Aggregae
CHARIF Nadia University of Science and Technology of HOUARI BOUMERDIENNE	Analysis of Greenhouse Gas Emissions and Energy Costs in a Wind-Powered Seawater Desalination Plant in Algeria
Maria Mashigo Tshwane University of Technology, South Africa	The potential of Helichsryum splendidum (Thunb.) Less. for the restoration of sites polluted with coal fly ash
Rummana Khan Sherwani National University of science and Technology	Energy efficient adaptation measures are a way forward to mitigate climate change and increasing land surface temperature in developing countries like Pakistan
Akram EL KORCHI IBN ZOHR University	Trade-offs Between Lean, Green, and Agile Practices and Their Impact on Environmental and Operational Performance
Ishika Jaiswal Indian Institute of Management Sambalpur	Juggling between Economic Growth and Tourism Sustainability: A Tale of Ladakh's Journey
Adama FAYE University of Lome	Climate-Related Risks and Agricultural Yield Assessment in the Senegalese Groundnut Basin
Zhezherya Tetiana National Academy of Sciences of Ukraine	Impact of water temperature on chemicals migration from bottom sediments under experimental conditions
Oksana Nekrasova Schmalhausen Institute of Zoology of National Academy of Sciences of Ukraine	Impact of climate change on the herpetofauna of Europe: assessment and forecasting using GIS modelling and Artificial Intelligence
Mohammed Ashraful Azam Khan University of Chittagong	Health Risk Assessment of Heavy Metal Contamination in Green Mussels (Perna viridis) from the Southeastern part of the Bay of Bengal
Johannes Solar Institute of Resource Assessment, University of Dar es Salaam, Tanzania	The Relevance of Youth Engagement to Climate Change Adaptation in Monduli District, Tanzania – East Africa
Patrick Chidzalo  Malawi University of Science and Technology	Rainfall Prediction in Cyclone-Prone Areas: A Stochastic Approach Using Physics-Informed Neural Networks

Christin Steve Keyamfe Nwagoum University of Maroua	Sentinel-2 and Landsat-8 potentials for high-resolution mapping of the shifting agricultural landscape mosaic systems of southern Cameroon
Taha Abdella Geda Addis Ababa Institute of Technology	Experimental Investigation of an Improved Biogas Injera Baking Stove Using Conical Burner
Md. Hasan Imam Department of Agricultural Extension	Recent variations average maximum and minimum air temperatures over Bangladesh
Mehdi Valizadeh Hassanloui Islamic Azad University	Evaluation of geotechnical properties of sediments of the top layer of hypersaline lakes: the case of Lake Urmia
Marc Anselme Kamga University of Maroua	Conservation of Areas of Hunting Interest (ZICs) in the face of land use conflicts and their implication on land tenure inequalities in the northern vina basin, Cameroun
Mahmoud Samiei Moghaddam Islamic Azad University	Energy Expansion Planning with a Human Evolutionary Model
Emina Hadzic University of Sarajevo, Bosnia and Herzegovina	Integral Water Management and The Importance of Environmental Flow - Key Study Osanica River
Chandan Surabhi Das Barasat Government College	Assessment of hydrodynamic land degradation due to sea level rise, erosion, and accretion in the tidal rivers of the Sundarban
Deena Sivakumar Sri Ramachandra Institute of Higher Education and Research	Harnessing YOLO V7 for Effective Waste Detection in Water Bodies: A Step Towards Environmental Preservation
Saira Batool Centre for Integrated Mountain Research University of the Punjab Lahore	Land Use Changes and Soil Properties Affecting Erosion: Impacts on Climate Resilience and Food Security in Dir District, Pakistan
Vishal Sharma Directorate of Higher Education, Panchkula	Circular economy for waste reduction and carbon footprint mitigation: A developing economy perspective
Benjamin Kodai Kaje Christ University	Climate Change: An Indigenous approach towards Sustainability

Sohaib Mustafa BJUT's College of Economics and Management	Role of environmental awareness & self- identification expressiveness in electric- vehicle adoption
Kabirul Islam Karajgram High School	An assessment and mapping of Groundwater potential zones in Darjeeling Himalayan region using Frequency Ratio and Analytical Hierarchy Process
Desmond Opoku KNUST	Towards an Adoption Framework for Indigenous Building Materials Usage in Housing Delivery in Urban/Peri-Urban Areas of Ghana: A Theoretical Review
Satyendra Peerthum  Aapravasi Ghat Trust Fund (Aapravasi Ghat World Heritage Site, Republic of Mauritius)	Beyond Indenture: An Examination of the Life-Stories and Social and Economic Mobility of Mohun and Teeluckdharry, Two Girmitiyas and Other Indian Immigrants during the Age of Indenture (1838-1895)
Rajshekhar G. Rathod MIT ADT University	Influence of Crushed Sand and Lime Stabilizer on The Properties of Clayey Soil
Abdallah Khamis Ali Ministry of Tourism and Heritage	The MTEPE, A traditional SEWN-PLANK boat from the east African coast
Emmanuel Bosomtwe University of Education	Monetary Policy, Institutional Quality, and Ecological Footprint: Insight from Ecowas
Thirumala Akash K DXC Technology	Modernizing the Car Registration Process in India: Implementing Blockchain Technology for Increased Transparency, Efficiency, and Security
Poushali Pal Government Engineering College	Design And Implementation of Smart Meter for Bilateral Transaction of Solar Energy
Syama Prasad Sinharay Central Ground Water Board	An Overview of Geogenic Arsenic Contamination in Ground Water and Food Chain in India- Policy Issues for Remedies
Shilpa Saha Jadavpur University	Addressing Water and Wastewater Issues in India: From Resource Assessment to Innovative Management
Poonam Bagora Shri Govindram Seksaria Institute of Technology and Science	Enhancing Monsoon Predictions for the Upper Chambal Catchment through Temporal and Spatial Downscaling of Predicted Future Precipitation

Zohra BOUTARAA Hassiba Benbouali University of Chlef	A Basic risk mapping methodology for road system interruption during earthquakes: Application to Chlef city (Algeria)
Pulugurta Krishna Subba Rao Gayatri Vidya Parishad College of Engineering	A New Cloud-Based Intelligent Cnn Methods for Snake Bite Detection And Urdbean Leaf Disease
Haddad Ghlama University of Sousse	The role of green finance mechanisms in improving the Economic Growth's Quality
Srinjana Ghosh Bethune College	Firefly (Coleoptera: Lampyridae: Luciolinae) populations- whether at stake due to artificial light at night (ALAN): A case study from tropical ecozone, West Bengal, India
Arunangshu Mukherjee Manav Rachna International Institute of Research and Studies	Integrated way to pave urban waterlogging and groundwater depletion: An adaptation against climate change
Prabhakar Shukla IIT Delhi	Groundwater System Simulation of NCT of Delhi
Sonia Chhoker Kurukshetra University Kurukshetra	Slope stability evaluation along NH-05 Parwanoo to Solan, Himachal Pradesh
Rabia Noor Islamic University of Science and Technology	Citizen Journalism in the Digital Age: Indian Perspective
Sujithkumar Raghavanpillai Vikram Sarabhai Space Centre	Numerical and experimental studies of a typical swirl co-axial injector
Lakshmi Karlekar Christ (Deemed to be University)	China and United States energy politics syndrome in central Asia: Regional responses
Anchal Arora Indian Institute of Foreign Trade	Decarbonizing the Aluminum Industry in Changing Global Scenario: Evidence from India
Mamatha G S RV College of Engineering	A Simple Overview of Virtual Machine (VM) Consolidation Techniques for Green Cloud Computing
Sampson Vivian Esumanba University of Professional Studies	Political Commitment to Resource Management, The African Case

Yman Chemial Ben M'sik at the University Hassan II Casablanca	The Role of Artificial Intelligence in Higher Education: Advancing Sustainable Development Practices
Gloria Ezeagu Nile University of Nigeria	Food Safety and Waste-to-Wealth through Blue Economy
Salisu Lawal Halliru Federal College of Education Kano	Perception and Impact of Climate Change on Human Migration: A Study in Northern Nigeria
Mushagalusa Ciza Arsene Universite Evanelique en Afrique	Predicting species abundance using machine learning approach: A comparative assessment of random forest spatial variants and performance metrics
Houran Nouriddine Research institute in Ben Guerir	Leveraging Geo-Al for Sustainable Mobility & Urban Development : Lessons from North Africa and Europe
Leki Dorji College of Science and Technology	An Evaluation of Hydrological Modeling Using CN Method and Satellite Images in Ungauged Barsa River Basin of Pasakha, Bhutan
Royanama Rahimi Mashhad University of Medical Sciences	Influential plant in medicinal science and Clove:Tiny Buds with Global Fame
Fikre Belay Tekulu Adigrat University	The effect of war on basic infrastructures of Eastern Tigray, Ethiopia
Fareena Ruzaik University of Colombo	COVID-19: Fostering Positive Behavioral Shifts in Sociocultural, Economic, and Environmental Perspectives
Siamak Bagheri Jounghani Iranian Fisheries Sciences Research Institute	The effect of climate change on the appearance of alien planktonic species in the Iranian waters of the Caspian Sea
H.M.Badra Sriyani Herath University of Sri Jayewardenepura	Unexploited Potentials of Trees Outside Forests: Climate Mitigation Potentials of Tree-rich Home Gardens in Upper Mahaweli Catchment in Sri Lanka
Muhammad Mahmudul Hasan Bangladesh Institute of Nuclear Agriculture (BINA)	Molecular uniqueness and phylogenetic study of noble Rice Blast (Magnaporthe oryzae) isolate from Bangladesh
Yawe Samuel Rakai District Local Government	Proposed Study Design for Map-Based Approach to Flood Risk Assessment in Bwaise III in Kampala City, Uganda: An Indicator Approach

Jayshree Mungur-Medhi Our Heritage Foundation	Archaeological Evidence of Iron Forging and Gunpowder Production and their Impact on Environment and Landscape in Mauritius
Sayedeh Fatemeh Mousavi Mazandaran University of Medical Sciences	Biodegradation of Tetracycline and Ciprofloxacin in Aerobic Composting Using Different Microbial Sources
Sharlot Fosah Ennih University of Buea	The Impact of Climate Change and Malaria in Bonaberi and Tombel Districts, Cameroon
Netsanet Zeleke Haile Ethiopian Civil Service University	The Impacts of Mining Investment on Livelihood Assets in the Benishangul- Gumuz region, Ethiopia



SEPTEMBER 26-27

**ADV. ESCC 2024** 

https://advanced-earth-climate-change.peersalleyconferences.com/



The qualities of talks at Adv. ESCC 2024 were wide-ranging, and in my experience engaging and well presented. The sheer number though made for a very intense day and with relatively little time to delve deeper and explore specific topics and general themes, which I would have appreciated.

Some of the topics were relatively new to me and I was grateful to see them so well-articulated.

Moreover, I was impressed by the diversity of topics and geographical range of speakers and yet all relevant to the theme of the conference.

### **JUDE CURRIVAN**

WHOLEWORLD-VIEW, UK

M M

I enjoyed the talks of Adv. ESCC 2024 very much.

I appreciate your kind invitation to the excellent conference.

# KUN'ICHI MIYAZAWA TOKYO UNIVERSITY OF SCIENCE, JAPAN



MM



The Adv. ESCC 2024 provided numerous opportunities to observe and engage with outstanding scholars in their presentations at the conference. My professional growth and development were significantly enhanced by my participation in the conference. Peers Alley Media, Canada did an excellent job in finding scholars from across the globe.

DAVID M. WATRY
UNIVERSITY OF MALTA, MALTA



Thank you for the opportunity to attend the "3rd Global Summit on Advances in Earth Science and Climate Change."

The talks were of high quality and offered valuable insights. The event contributed to my professional development, providing useful advice for my future research.

Peers Alley Media did an excellent job. I appreciate your efforts in organizing such a beneficial event and look forward to future opportunities.

### PENGFEI LI KYUSHU UNIVERSITY, JAPAN

MM

Adv. ESCC 2024 was very successful. The conference organizer set up the venue in a hotel and provided us with the service of booking accommodation at the same hotel, which saved us a lot of time.

All the presenters have made careful preparations and tremendous efforts to presents their research work. I saw multiple studies in different fields of Earth and environmental science, which opened up my knowledge.

Thank you again for your invitation of Adv. ESCC 2024 in this summer. I will recommend the information of Adv. ESCC 2025 in Berlin to my colleagues.



### **QIA WANG**

INSTITUTE OF QUANTITATIVE AND TECHNOLOGICAL ECONOMICS (IQTE), CHINESE ACADEMY OF SOCIAL SCIENCES, CHINA



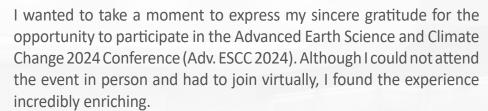
MM

The Adv. ESCC 2024 conference was wonderful for me. I have learned a lot from other speakers. The speakers were expert in their area. And they were very friendly. I am very lucky for meeting them in conference.

Thank you.

### YUNUS OZTURK

FETHIYE, TURKEY



The content presented throughout the sessions was highly insightful, and it was clear that a great deal of effort and expertise went into organizing the event. The diversity of topics, the quality of the discussions, and the shared knowledge from experts worldwide left me with a wealth of new perspectives and ideas I can apply to my research and academic endeavors.

Despite the virtual format, I felt fully engaged and connected to the global community of scholars. I greatly appreciated the seamless technology integration to facilitate meaningful interaction and dialogue.

I also want to express my enthusiasm for the upcoming 4th Global Summit on Advances in Earth Science and Climate Change in Berlin in 2025. It promises to be another outstanding event, and I look forward to being involved again, hopefully in person, this time.

Once again, thank you for the invaluable opportunity and the stellar organization of this year's conference. I eagerly anticipate contributing to and participating in future events.



### **BIH-CHUAN LIN**

DA-YEH UNIVERSITY, TAIWAN

M M

The quality of talks at Adv. ESCC 2024 was very good, and well-organized.

A very good job done, most of the presentations are well-selected and well-presented.



### ROBERT M.X. WU

UNIVERSITY OF TECHNOLOGY SYDNEY, AUSTRALIA



MM

Peers Alley Media, Canada did a good job.
Contributed with some possible connection to develop future research at Adv. ESCC 2024.

### KATIA REGINA GARCIA PUNHAGUI

UNILA - FEDERAL UNIVERSITY OF LATIN AMERICAN INTEGRATION, BRAZIL



The choice of topics and the quality of the Adv. ESCC 224 presentations were excellent.

The very diverse presentations from different countries (globally) provided me personally with a very high level of added value, both professionally and in terms of the overall picture. Getting to know each other and making personal contacts also played an important role. The virtual presentations on the second day, which were also varied and very interesting.

Overall, the conference was very well organized. Congratulations!!!

### **EDUARD HOCHBICHLER**

UNIVERSITY OF NATURAL RESOURCES AND LIFE SCIENCES, AUSTRIA

00 00

Thank you for the opportunity to participate in the Adv. ESCC 2024 conference online. Overall, I rate the conference very well; the wide range of topics was very interesting to me because I usually focus very strongly on my research topic. Connecting to the conference was easy; I could hear all the speakers well, and I had no problems with my presentations.



POZNAŃ UNIVERSITY OF LIFE SCIENCES, POLAND



MM



I appreciate your efforts in organizing this event (Adv. ESCC 2024) globally. All speakers were good, and their topics was fascinating. Attending this summit allowed me to learn more about climate change studies worldwide, which gave me several ideas and allowed me to undertake several studies in the future.

### YEFOUNGNIGUI SOULEYMANE YEO

UNIVERSITY FÉLIX HOUPHOUËT-BOIGNY, CÔTE D'IVOIRE

### MM



Thank you again for your effort in organizing the "3rd Global Summit on Advances in Earth Science and Climate Change".

The participants presented rich talks on different topics pertinent to Mother Planet and the way climate change affects the biodiversity.

I believe the talks enriched my knowledge on climate change as one of the environmental threats that should be seriously considered in all fields including arts and humanities.

Definitely, all the speakers did a great job in provoking thoughts on Earth and climate change!

I wish you all the best in your future conferences.

### **HUDA HALAWACHY**

UNIVERSITY OF MOSUL, IRAQ

### MM

Dears, Adv. ESCC 2024 were excellent event. Thanks a lot.

# VLADIMIR TCHERNYI MODERN SCIENCE INSTITUTE, SAIBR, RUSSIA





Quality of talks at Adv. ESCC 2024 was quiet Good.

# NAVEEN GM GOVERNMENT ENGINEERING COLLEGE, INDIA

Thanks for the opportunity to be a part of "3rd Global Summit on Advances in Earth Science and Climate Change". The conference has been a great experience. I am extremely appreciative to you and your team for such a well-planned, well-executed and informative conference. I enjoyed the networking and every session I attended.

The level and diversity of discussion were amazing. The quality of talk was simple, easily communicable and full of scientific and socioeconomic information. It was splendid event both in terms of intellectual quality and social gratification.

It has contributed a lot to my professional development in respect of networking with peers, industry trends, global vision on recent advances, insights into new and sustainable practices and exposure to diverse perspectives.

Really, Peers Alley Media, Canada has done a commendable job in selection of speakers for thought-provoking sessions. The speakers were selected from diversified community with versatile work domain. In particular, the following speakers had a great influence and amazing take away relevant to field work:

- a. Pengfei LI from Kyushu University, Japan, on the topic, "Recovery of Zn and Cu from municipal solid waste incineration fly ash by integrating ammonium leaching and ammonia removal"
- b. Ralph-Uwe Dietrich from German Aerospace Center, on the topic, "Large-scale economic production of sustainable aviation fuels in Europe.

Moreover, I am highly impressed with the way the session was mediated by Jessica Argenta from University of Missouri.

So, in totality this was my first exploration of Barcelona, Spain and it was wonderful. Looking forward to be a part of this conference again in the upcoming year.

### **DURGESH NANDINI**

DEFENSE R & D ORGANIZATION, INDIA





My experience at Adv. ESCC 2024 was profoundly enriching. The virtual format was impeccably executed, offering attendees a seamless experience. The caliber of the presentations was remarkable, with speakers demonstrating profound knowledge and engaging delivery. This experience has significantly contributed to my professional development, providing valuable insights into the latest trends and advancements in Climate Change.

Peers Alley Media, Canada, in particular, deserves commendation for curating thought-provoking sessions with speakers who offered unique perspectives and valuable insights. The meticulous selection of speakers played a pivotal role in the event's overall success. In conclusion, I wholeheartedly recommend Adv. ESCC 2024 to those seeking to remain informed about the latest developments in Climate Change issues. The conference offers a valuable opportunity for learning and professional growth.

### SHAMAL SHAKIR TAHER

UNIVERSITY OF MOSUL, IRAQ

MM

Indeed, after my participation, I can say that the quality of the experience at Adv. ESCC 2024 was really excellent. It gave me the opportunity to exchange my research work with specialists in the field. Peers Alley Media, Canada have done a good job selecting speakers for thought-provoking sessions for this event. I found that all the participants are well qualified in their specialties. I hope to further expand my research with collaborations with professionals and industrialists in my field. Thank you very much for all the enormous work done behind this 3rd Global Summit on Advances in Earth Science and Climate Change"

I'm delighted to participate really.



### CHIRAZ ABDELMALAK BABBOU

UNIVERSITY OF TUNIS EL MANAR, TUNISIA



The conference provided an excellent networking opportunity and the platform to share my work effectively. All the speakers in Adv. ESCC 2024 were dynamic and impressively presented their work. I got some new ideas and current affairs which contributed to my professional development. Program Director was always gave prompt reply to all my queries and supported me during the conference. I congratulate Peers Alley Media for gathering such great and eminent speakers on one platform and making the event successful with two days of thought-provoking ideas.

### SHEFALI ARORA

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES (UPES), INDIA

MM

I participated in "3rd Global Summit on Advances in Earth Science and Climate Change" 2024. I was a distinguished speaker and presented me are arch at the conference. This conference was a wonderful experience with getting to know about contemporary research in a diverse field of studies. The speaker presented their research in an effective way and I personally enjoyed the presentations and learned a lot.

In addition, the presenters were selected on the basis of their research quality and impact factor which was a very positive aspect of the conference. Moreover, the event was a good opportunity for networking and forming future research collaboration. Such networking will help all the researchers and students to enhance their research skills and produce more rigorous research publications.

The organizing team of the conference did a wonderful job and sorted out individual queries in an efficient way. I personally had some issues regarding entry clearance and the team helped me in all this process in the best possible way.

So hats off to the organizing team and I look forward to participate in their conference in future as well.

Thank you very much



### SYED TANVEER HUSSAIN SHAH

ABDUL WALI KHAN UNIVERSITY, PAKISTAN



The program at Adv. ESCC 2024 was great. Thank you for organizing such great events covering a broad spectrum of research and scientists.

The quality is good; it is up to the mark. It can provide an initial overview for different field. It was a thought-provoking session with speakers from various domains.

### PANKAJINI MAHANTA

FAKIR MOHAN UNIVERSITY, INDIA

MM

Firstly thanks to the organizer for giving us a chance to share our experience in the "3rd Global Summit on Advances in Earth Science and Climate Change".

The quality of talks at Adv. ESCC 2024 was an excellent. It contributes limited but we shared the experience with the international community or experts.

Peers Alley Media, Canada did a good job.



### **SOUKHIN TARAFDAR**

G.B. PANT NATIONAL INSTITUTE OF HIMALAYAN ENVIRONMENT, GARHWAL REGIONAL CENTRE, INDIA



# SPEAKER'S TESTIMONIALS

**ADV. ESCC 2023** 

https://advanced-earth-climate-change.peersalleyconferences.com/



#### **Bouchra El Omari**

Institute for Alpine Environment, eurac research, Italy

I attended the ESCC 2023 that was organized in London, UK by Peers Alley Media. The organization was excellent, the talks and the presentations were very good and the discussions were interesting!! For my professional development, it was a very good experience to share my research studies in a multidisciplinary ambient, the feedback was interesting and chairing session was a good experience for me as well!!



#### **Alberto Huiman Cruz**

Universidad Nacional Mayor de San Marcos, Peru

I had some contacts interested in my exhibition topic. Peers Alley Media, Canada did a good job selecting speakers for thought-provoking sessions for this event.



#### **Luiz Benyosef**

National Observatory, Brazil

I would like to extend my congratulations to you for the quality of the talks presented at Adv. ESCC 2023. Through the different views and experiences presented in various areas, it was possible to add good suggestions for my activities. The Peers Alley Media, Canada, certainly did a great job selecting these speakers for this latest event (Adv. ESCC 2023). My congratulations on it.



#### Ioanna Papoulia

Hellenic Centre for Marine Research, Greece

It was my pleasure to participate in your very interesting conference and to offer my services as a moderator.

All the presentations by the distinguished speakers were excellent and for me personally, although most of them do not fall within my narrow scientific interests, they were very interesting and informative. From this position, I would like to congratulate Peers Alley Media Canada, and you personally, for selecting the speakers and for the excellent organization of the conference.



#### Manman Ge

Hefei University of Technology, China

It is a pleasure to receive your letter.

First of all, thank you very much for inviting us to be speakers at the conference to share our research with many scholars.

Secondly, I think the quality of talks at Adv. ESCC 2023 is relatively good. After my presentation, I communicated with some scholars online and by email in terms of my research and also got some inspiration from them. At the same time, it also broadens my research horizon and gives me access to professional knowledge outside my research field.

Thirdly, Peers Alley Media Canada do a good job selecting speakers for thought-provoking sessions for this event.

Last but not least, I hope the Global Summit on Advances in Earth Science and Climate Change will be more successful.



#### **Cisheng Wu**

Hefei University of Technology, China

Firstly, thank you very much for inviting us to be speakers and share our research with many excellent scholars at the conference.

Secondly, I think Adv. ESCC 2023 was organized quite successfully. Also, it broadened my research horizons and gave me the opportunity to know other research fields and hot topics.

Thirdly, Peers Alley Media, Canada, did a great job in selecting speakers for the event and their presentations were thought-provoking and we sincerely thanks for your hard work.

Finally, I hope that the Global Summit on Advances in Earth Sciences and Climate Change 2024 will be even more successful in the future.



#### **Bih-Chuan Lin**

National Dong Hwa University, Taiwan

The quality of this conference is outstanding that get foreign experts together to share research results and think about how to improve the environmental issues from climate change. It's really helped a lot, I met some people here who are also interested in my topic we discussed much about it, I love it. The conference is worthy. Hope the conference run during winter or summer vacation so I won't worry the time since I teach in the university.

lt's wonderful, Peers Alley Media, Canada, really did a good job.



#### Sylvester Addai-Arhin

Prefectural University of Kumamoto, Japan

The quality of talks at Adv. ESCC 2023 was excellent. It will significantly contribute to my professional development and future promotions. Peers Alley Media, Canada did an excellent job in selecting speakers for thought-provoking sessions, with most of the speakers delivering topnotch research work.



#### **Habiba DRICI**

Université de Tamanghasset, Algeria

The quality of talk at Adv. ESCC was very good; it can strengthen my scientific knowledge in my research areas or bring me new knowledge. It was very diverse and rich in terms of knowledge of the different speakers.



#### **Merzouk Zatout**

Kasdi Merbah University, Algeria

The quality of the talks was very good and very interesting. New futures were aborded and it motivates to better and easy access to worldwide scientific researcher.



#### **Grytsenko Volodymyr**

National Museum of Natural History, Ukraine

The quality of talks at Adv. ESCC 2023 was different but all were interesting for me, and event was interesting and helpful for me, especially in geological direction and others for development of my overview, thanks to Peers Alley Media, Canada, for their excellent speaker selection for thought-provoking sessions at this even Thank you!



#### **OUNGBE Kary Venance**

University Félix Houphouët-Boigny, Ivory Coast

The quality of the discussions was excellent. Peers Alley Media, Canada, do a good job selecting speakers for stimulating sessions for this event?



#### **Bernard Adjaffi**

Université Félix Houphouët-Boigny, Ivory Coast

I'd like to start by thanking you for involving me in this major world-class scientific event. I was delighted to be able to present at this conference some results from my country (Côte d'Ivoire) in hydrological and environmental science in relation to deforestation and climate variability. On the whole, the scientific content of the conference was of a high standard and, for my part, a remarkable success.

To deal specifically with the 3 points submitted for my opinion, I would say:

- 1) The scientific quality of the lectures was very acceptable and instructive for the scientific world;
- 2) It helped me in that I learnt certain scientific concepts in earth sciences and climate change that could lead me to improve certain aspects of my teaching profession;
- 3) Peers Alley Media, Canada did a good job of selecting the speakers for the discussion sessions at this event. The speakers showed their professionalism and were all talented.

I would like to congratulate you warmly on the excellent organization of the conference. You never failed to send messages to the participants. When it took us a day or two to get back to you, you got back to us. Even on the day of the presentations, you made sure that all the speakers logged on at least 30 minutes before their presentations. This magnificent organization ensured that everything ran smoothly and, above all, on time. I really enjoyed it. Well done to you all.



#### **Poonam Rani**

Netaji Subhas University of Technology, India

Yes, I would be happy to participate in 2<sup>nd</sup> Global Summit on Earth Science and Climate Change



#### **Pavithra R**

VIT University- Chennai Campus, India

Yes, it's great to be a part of 2<sup>nd</sup> Global Summit on Earth Science and Climate Change.



#### Subhrakanta Panda

BITS PILANI, Hyderabad, India

The quality of the talks were of international standard and it was very enriching to hear all the esteemed speakers; it has certainly given me a new perspective and enriched me in understanding certain technologies in many allied fields. Yes, indeed, a good job done by the team. My suggestion is to create additional themes under the broader theme on Advances in Earth Science and Climate Change.



#### **Ananta Vashisth**

ICAR-Indian Agricultural Research Institute, India

Thanks for giving me the opportunity to present my work in the 2<sup>nd</sup> Global Summit on Advances in Earth Science and Climate Change (Adv. ESCC 2023). I enjoyed the event. The presentation done by the different speakers from different countries was excellent. This will help me a lot for my professional development. In my opinion Peers Alley Media, Canada did a good job by selecting distinguished speakers for each session of the Global event.



#### Neeraj Kumari

K R Mangalam University, India

Thank you for giving me the opportunity to present my work at this platform. All the presentations were very good and enhanced my knowledge in different research fields. Here are my opinions about the event:

Quality talks contributed to the advancement of knowledge in Earth Science and Climate Change. They ideally lead to meaningful discussions, further research, or policy implications.

The Global Summit provides me the opportunities to learn about the latest research, trends, and innovations in different fields and provide a platform to connect with peers, experts, and potential collaborators.

All the speakers effectively conveyed their work and demonstrated their expertise within their respective fields. This platform provided valuable opportunities for all participants to engage and collaborate.



#### **Himmat Singh**

CSIR-Indian Institute of Petroleum Dehradun, India

The quality of talks was very good. Certainly it makes contribution to the speakers own understanding of new developments in his area of expertise.

Peers alley Media did a good job. Choosing speakers with industrial research experience and high academic contributions should be the backbone of such virtual meets.



#### Payal Varangaonkar

K J Somaiya Institute of Technology, India

The quality of talks at Adv. ESCC 2023 was exceptional, with speakers who were highly informative and research-oriented.

In terms of contributing to my professional development, attending the event allowed me to gain insights into various advanced techniques for innovation.

Peers Alley Media, Canada, did an excellent job in selecting speakers for thought-provoking sessions at this event, and indeed, the sessions were highly informative.



#### **Anitrosa Innazent**

Karunya Institute of Technology and Sciences, India

The quality of talks at Adv. ESCC 2023 was very informative, and getting to interact with other professionals and learning about their nature of work made me think better. Peers Alley Media, Canada did a good job selecting speakers for thought-provoking sessions for this event.



#### **Ashim Kumar Basumatary**

Assam Science and Technology University, India

Overall, the conference featured exceptional talks with talented and admirable speakers, offering a platform to showcase global talent and facilitate the transformation of ideas into real-world applications, and Peers Alley Media, Canada, selection of speakers for specific areas that can be translated into practical use is truly commendable.



#### **Anupam Sharma**

Thapar Institute of Engineering & Technology, India

The quality of talks at Adv. ESCC 2023 met the conference schedule, with all participants successfully covering the specified topics, making it a great learning experience to interact with researchers from vibrant areas, and I fully agree that Peers Alley Media, Canada did an excellent job selecting speakers for thought-provoking sessions at this event.



#### **Nandhakumar Sundaramoorthy**

University of Madras, India

I wanted to congratulate you for an excellent meeting with an amazing program, great speakers and interesting discussions. Your conference has been a great success in all possible respects. I was very impressed by the excellent lectures and got a lot out of it. I specially thank to Mr.Sujith Paul, Program Director for their continuous follow-up in this regard.



#### Apurvkumar Amrutbhai Desai

University of Madras, India

The quality of talks at Adv. ESCC 2023 was outstanding, with speakers presenting cutting-edge research and insights, making it a highly informative event. The summit significantly contributed to my professional development by providing new perspectives and knowledge that I can apply to my work in the field of Earth Science and Climate Change. Peers Alley Media did an excellent job selecting speakers for thought-provoking sessions, and the diversity of perspectives and expertise among the speakers added great value to the event.



#### **Abhay Kumar Agrahari**

Siksha 'o' Anusandhan University, India

I appreciate your work in conducting this awesome and knowledgeable conference. It will help to meet the researcher who is working in the same field or in a different field. We have also gotten to know their work which helped to make the collaboration work with them. Your team is highly appreciative to do this kind of event and also your selection for the academic speaker.



#### **Sharad Tiwari**

ICFRE-Institute of Forest Productivity, India

It was the good event and good to interact with diverse category of researchers! Overall very well organised.



#### **Abdur Rehim**

Bahauddin Zakariya University, Pakistan

The quality of talks was up to the mark with multiple fields of research.

Off course it will contribute a lot for my professional development for a long time. I learned many new field of research that will help to improve my knowledge.

And Peers Alley Media done a great job in selecting distinguished speakers all over world it was a hard job to manage such a galaxy of scientists in such smooth manner.



#### Maryam Nayyeri

Science and Research Branch University, Iran

Dear organizers and coordinators of Adv. ESCC 2023 Conference, It is my pleasure to attend your esteemed conference and learn about the latest scientific advancements in the topics of your widely respected event.

The quality of talk at that conference was excellent and I enjoyed the overall organization and coordination of the event, I find the virtual format to be easy to follow Attending events like this definitely helps improve my professional development.



#### Ramin Cham

Islamic Azad University, Iran

It was truly great, and I thoroughly enjoyed it; I can confidently express my gratitude to you and your highly responsive and professional team for always addressing questions, emails, and requests promptly, as you have undoubtedly garnered the attention of the entire global scientific community with your excellent work.



# SPEAKER'S TESTIMONIALS

# **ADV. ESCC 2022**

https://advanced-earth-climate-change.peersalleyconferences.com/



**longel Duran Llacer**Universidad Mayor, Chile

It was a pleasure to participate in Adv.ESCC 2022.

The quality of the talks was acceptable. Very interesting talks in the time I participated. Peers Alley did a good job with organization, speaker selection, information, and chosen topics. I think it should be for the next event, an event with greater international exposure.



Johannes Rieger K1-MET GmbH, Austria

Quality of talks at Adv. ESCC 2022 were good. Peers Alley Media did a very good job



Patricia Veras Marrone University of Sao Paulo, Brazil

The level of the Adv. ESCC 2022 speeches was very good.

The quality of the research presented and speakers were good.



**Ana Curcio**Proingeo SA, Argentina

The quality of the talks at Adv. ESCC 2022 were very good and technically high level. It demanded to the audience an interdisciplinary and knowledge of several topics. The visibility of my research and the possibility of inspecting what colleagues are doing right now provided a great opportunity for improvements and insights.



#### **Luis David Gomez-Mendez**

Pontificia Universidad Javeriana, Colombia

It was an interesting event that showed many topics related to earth sciences and climate change.

The snacks and lunches were good and it was a space that allowed sharing experiences with nearby colleagues on the issues.



#### **Adolfo Antonio Gutierrez**

Universidad Nacional de Tucuman, Argentina

I write to thank you for having invited me to participate and be one of this Adv. ESCC 2022 group. I also want to thank the two people who coordinated everything, girl and boy, sorry for not remembering their names. They were very attentive and professional, they deserve our recognition. I have learned a lot with the different topics that were discussed and it is nice to know that many people in the world are interested in improving people's quality of life and work for it.



### Stephen Ajuaba

Montanuniversitaet Leoben, Austria

The talk quality was very high (9/10 if I may) at Adv. ESCC 2022. Its contribution to my professional development was profound, as I was able to see what other researchers are working on around the world and their various philosophical approaches.



Irina E. Stukalova

Geological Institute of Russian Academy of Sciences, Russia

Thank you very much for invitation me to participate in the Adv. ESCC 2022 conference and made oral presentation. I am very glad that I can attend conference and met scientists and researchers from over the world, in different fields of earth science.



Dragana Ciric
Independent Scholar, Serbia

Thank you very much for your email and for the hospitality during the Global Summit on Advances in Earth Science and Climate Change 2022.

The topics were well selected so as to cover all the issues that can possibly influence the environmental conditions, or that might express the major impact on earth sciences and climate change agendas.

All the abstracts well implied their contribution to the Summit's call and thematic tracks, while lecturers have well-justified their objectives through presentations.

The interdisciplinary and cross-disciplinarily significantly enrich our perspectives. Such a framework informs us about important problems and the most pressing issues encountered by colleagues from different areas it informs us about their most recent discoveries and innovations they are pursuing. We become aware about the issues that are going to be invested in and that might gain larger publicity and support in the future, while this might become decisive if it fundamentally influences our own research subjects.

For me personally and as a speaker at the academic events of such thematic scope and international

coverage, the participation means an important experience and practice, the adaptation of my own proposals to global agendas, the exchange of opinions, ideas, and positions with other colleagues, as well as the opportunity for possible collaborations and contacts on a global scale. It is also a place to test the results of current research and get important feedback from other participants, including both the academic and the professional sectors.

Hereby, the implementation into scholarly programs and possible commercial value and application of the presented topics could be validated and approved.

The global international context is another asset that should be commended.

My compliments to the Peers Alley Media. Your good intentions and objectives considering the choice of speakers is highly valued.

I would like to thank you once more for this invaluable opportunity, for the invitation and your hospitality during the event.

I appreciate it very much and I am looking forward to our next meeting.



#### **Walter Mauricio Salazar Guerra**

Catholic University of El Salvador, UNICAES, El Salvador

Excellent since it is a multidisciplinary summit of earth sciences. Outstanding organization from Peers Alley Media. Keep on doing good work.



#### **Emmanuel Sakala**

Council for Geoscience, South Africa

Firstly, I would like to thank you for the invitation as a distinguished speaker and the opportunity to chair one of the sessions at the 2022 ESCC summit. The summit went well and I have a chance to meet and discuss with top researchers in earth science and climate change. It was a great experience in a loving Paris city.

We await the 2023 summit in the UK. Thank you.



#### Mushtaq Ahmad Mir King Khalid University, Saudi Arabia

The quality of Adv. ESCC 2022 talks were good. The research topics were up to the mark, which gave good understanding of the topic. It does help to my professional development by getting new ideas and collaborations. Peers Alley has selected good speakers of relevant areas and of good quality and experience.

Really good job.

Thanks for giving me the opportunity to share my work and ideas with scientific community.



#### **Ibrahim Halil Demirel**

Batman University, Turkey

I think the Adv. ESCC 2022 conference talks are of good quality. Because experts in their fields were invited, it contributed a lot to me.

I think it is very important that conferences are held face to face. Because it is necessary for researchers not only to present their studies but also to share their experiences. This conference will allow me to study with more than one expert in the field. It also allowed me to discover new areas that were not within my research area before.

I think the speakers are of good quality.



#### Jinchun Xue

Jiangxi University of Science and Technology, China

The overall quality of the Adv. ESCC 2022 forum was high. Scholars from various fields shared their latest research, such as the treatment of acid mine wastewater and sediment, rock mechanical properties, and water pollution control, and offered advice on how to protect the Earth's environment. I participated in this academic forum to exchange the latest industry trends with experts and scholars from various countries, which greatly broadened my existing research ideas.



#### **Imene Abidi**

University of Science and Technology, Algeria

I hope this email finds you well!

I would like to share my impressions and opinions about the Adv. ESCC 2022 event. The event contained many interesting subjects and presentations.

Thank you so much



#### Fengxia Li Institute Ningxia, China

The quality of talks at Adv. ESCC 2022 was excellent

The ESCC 2022 can let me know more and share my scientific research achievements.

Peers Alley Media, Canada really did a good job selecting speakers for thought-provoking sessions for this event.



#### **Himmat Singh**

Ex Scientist 'G' CSIR- Indian Institute of Petroleum, India

The quality of talks at Adv. ESCC 2022 by and large was good. Professionally it has been a very good experience. Of course Peers Alley did a very good job within a short span of time, quick in communication and most friendly.



Fam Pei Shan Universiti Sains Malaysia, Malaysia

Most of the talks are great and informative at adv. ESCC 2022. There are a few talks that inspire me in my future research, and I gain a lot of domain knowledge on other filed from my research.

Peers Alley Media, Canada did a very good job on selecting speakers for this event.



Fatima EL BAZ Ibn Zohr University, Morocco

Thank you for inviting me to this Adv. ESCC 2022. It made me happy to participate. Oral communications were of good quality and interesting discussions and a fruitful exchange between participants. The participation in ESCC 2022 of researchers from different countries is very rewarding and allowed me to know people from different countries with which I intend to collaborate in the future to carry out scientific research. This is a strong point for this event. In this context, Peers Alley Media did a good job as a selection of the speakers and succeeded this mission of quality.

Thank you so much.



**Chongtham Sanjita Devi** Manipur University, India

Thank you very much for the opportunity. The Adv. ESCC 2022 conference is extremely interesting and thought provoking. Many fields of research around the world have interacted for a better future. Thank you



**Diptimayee Nayak**Indian Institute of Technology Roorkee, India

It was indeed a very good virtual exchange of ideas through Adv. ESCC 2022. Thank you very much for organizing such an event.



**Jyoti Sahu**National Institute of Technology, India

Through this Adv. ESCC 2022 event, I learned so many good concepts which I can use in my research work.



Nomfundo Sibiya
University of the Witwatersrand,
South Africa

As a PhD student, I believe the Adv. ESCC 2022 conference was quite beneficial as I got to learn from co-speakers on the diverse research they undertake. All the speakers presentation were quite informative and of high quality.



# Ajay Pratap Singh Gahlot University of Delhi South Campus, India

The conference was a huge success and I congratulate all the organizers and especially you for taking all the pain and hard work to make it successful. Starting with the theme of the conference, it was very relevant and necessary for the contemporary issues of global warming, environmental fluctuations and other unnatural changes going due to interference of uncontrolled selfish activities of humankind worldwide.

It is a need of time to think and stop the unnecessary and harmful activities of humans to save our environment and mother earth. So the issues, raised by the distinguished speakers and the paper presented at conferences are in real need of time.

The quality of work presented by the scientists and researchers was really up to the mark and sharing of those thoughts is really an enhancement of the knowledge of the participants. Hence, I as one of the participant and speaker, really thank full to you and organizers for organizing such a knowledgeable and necessary event. And a big Thanks you for taking care of all small and big requirements of the participants and your timely solutions of the queries raised.



**Totan Garai** Syamsundar College, India

I got a few new ideas for research from Adv. ESCC 2022. Thank you.



# **Ashish Gome**Ujjain Engineering College, India

The quality of talks were really appreciable at Adv. ESCC 2022 and at par with some of the best speakers in the world. This will definitely improve my profile professionally. All the selected speakers delivered their best and the knowledge shared will surely benefit others in future.



Sadib Bin Kabir
Presidency University, Bangladesh

The quality of talks at Adv. ESCC 2022 was fantastic. Since I am searching for Ph.D. opportunities, it helped me to get in touch with professors of similar interest. Above all, Peers Alley Media, Canada did a great job selecting speakers for thought-provoking sessions for this event. Thanks for inviting me to this excellent global event.

# **GLIMPSES INTO**



# **GLIMPSES INTO**













## HONORING DISTINGUISHED SPEAKERS



### **MEET THE PROFESSOR SESSIONS**























# YOUNG RESEARCHER SESSIONS























# **BOOK LAUNCHES**



























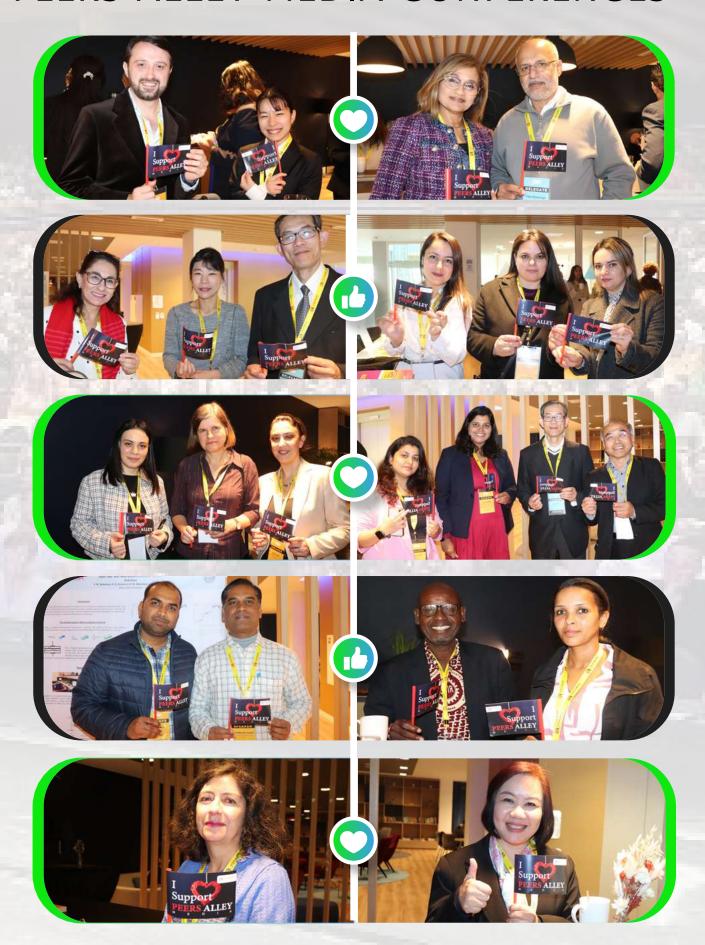






# **WE LOVE & SUPPORT**

# PEERS ALLEY MEDIA CONFERENCES



# **NETWORKING... CONFERENCING...** FOSTERING

Attending a Conference isn't all about Learning and Networking



A right choice of conference destination is an important aspect of any international conference and keeping that in consideration, Adv. ESCC 2025 is scheduled in the Beautiful city Berlin.





Brandenburger Tor



**Holocaust Memorial** 



Jüdisches Museum







Rixdorf



Great Art at the Van Gogh Museum



Hop-On Hop-Off Bus and Boat



Oude Haven, Rotterdam



Oude Kerk's Tower

# SPONSORS/ MEDIA PARTNERS







































### **Peers Alley Media**

1126 59 Ave East, V5X 1Y9, Vancouver BC, Canada

https://advanced-earth-climate-change.peersalleyconferences.com/
WhatsApp: +1 (506) 909-0537

### **ADV. ESCC 2025**

### **CONNECT US**









