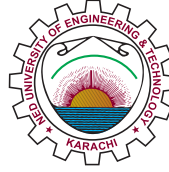


United Nations  
Environment  
Programme



OUR LAND  
OUR FUTURE

# The Institution of Engineers Pakistan Karachi Centre & NED University of Engineering & Technology, Karachi

JOINTLY PRESENTS

## UN - WORLD ENVIRONMENT DAY - 5<sup>th</sup> June, 2024

<https://www.un.org/en/observances/environment-day>

in collaboration with Sindh Environmental Protection Agency (SEPA)

**THEME: LAND RESTORATION, DESERTIFICATION AND DROUGHT RESILIENCE**



ON WEDNESDAY 5<sup>TH</sup> JUNE, 2024 AT 4:00 PM, AT IEP KARACHI CENTRE

### World Environment Day 50 Years Celebrations

World Environment Day on 5 June is the biggest international day for the environment. Led by UNEP and held annually on 5th June, since 1973, the event has grown to be the largest global platform for environmental outreach, with millions of people from across the world engaging to protect the planet. This year, World Environment Day Theme is **land restoration, desertification and drought resilience**.

### Why take part?

Time is running out, and nature is in emergency mode. To keep global warming below 1.5°C this century, we must halve annual greenhouse gas emissions by 2030. Without action, exposure to air pollution beyond safe guidelines will increase

by 50 per cent within the decade and plastic waste flowing into aquatic ecosystems will nearly triple by 2040.

We need urgent action to address these pressing issues.

### The UN Decade on Ecosystem Restoration 2021-2030

The UN Decade on Ecosystem Restoration 2021-2030, led by the United Nations Environment Programme, the Food and Agriculture Organization of the United Nations and partners covers terrestrial as well as coastal and marine ecosystems. A global call to action, it will draw together political support, scientific research and financial muscle to massively scale up restoration.

In 2003, the Carpathian Convention was established, bringing together the Czech Republic, Hungary, Poland, Romania, Serbia, Slovakia, and Ukraine, to protect the range's forests, wildlife and ecosystems. But climate change is threatening those natural assets, with many areas getting hotter, drier and more prone to wildfires. Similar joint actions are required to be taken by other countries including Pakistan to save our Planet.

Under the theme **Land Restoration, Desertification and Drought Resilience** of this year's UN-World Environment Day, the main focus will be to find out what global warming is doing to the Carpathians, and how countries can preserve and restore.

## ABOUT THE INSTITUTION OF ENGINEERS PAKISTAN (IEP)

The Institution of Engineers Pakistan (IEP) was established in 1948 as a premier national body working for the advancement of the engineering profession. Besides having biggest center at Karachi and headquarter in Lahore, IEP centers are in all major cities of Pakistan as well as in Riyadh, Saudi Arabia, Bahrain & Tri States (New Jersey, New York and Connecticut). IEP has signed technical collaboration agreements with more than forty professional Engineering Organizations across the globe. IEP is also the member of World Federation of Engineering Organizations (WFEO), Common Wealth Engineers Council (CEC), Federation of Engineering Institutions of Islamic Countries (FEIC), Federation of Engineering Institutions of South & Central Asia (FEISCA), The Asian Civil Engineering Coordinating Council (ACECC) and has the honor to represent Pakistan at all these forums. The Main purpose of IEP is to disseminate & Engineering knowledge to update the practicing engineer with the current Trends & Development. Being the National member of **World Federation of Engineering Organization (WFEO)** established on March 4th 1968 in Paris under the auspices of the **United Nations Educational, Scientific and Cultural Organizations (UNESCO)**, The Institution of Engineers Pakistan, Karachi Center celebrates **UN-World Days** to disseminate the message of United Nations of respective days related to IEP activities so as to keep abreast the Engineers of Pakistan towards the efforts and best practices globally on the respective themes selected by UN for each Day. This year on 5th June, the **IEP, Karachi Center & NED University** are also jointly celebrating **UN-World Environment Day to draw the attention of Engineers towards the efforts & best practices for Land Restoration, Desertification and Drought Resilience**.

For Further Details Contact

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ZOOM LINK



Meeting ID: 858 8050 2230  
Passcode: 783413

[www.iepkarachi.org.pk](http://www.iepkarachi.org.pk)

# Brief Profile of Distinguished Speakers and Panelist



**Prof. Dr. Noman Ahmed** is an accomplished architect and planner. He holds a Bachelor of Architecture from Dawood College/NED University (1989), a Master's in City Planning from Middle East Technical University (1992), and postgraduate training from UNCRD, Japan (1993) and Harvard University (1999). He earned his Ph.D. from Loughborough University (2005) and graduated from the 88th National Management Course at the National School of Public Policy, Lahore. Dr. Ahmed has held various academic positions, including setting up the Architecture and Planning Department at NED University in 2000, where he is currently a Professor and Dean. His research and consultancy work span numerous developmental issues, and he has published extensively, with notable books on urban issues in Karachi. He has received multiple awards, including the Tamgha-e-Imtiaz in 2021, and serves as the Chair Holder and Network Coordinator of the UNESCO Chair on Sustainable Urban Regions at NED University.



**Engr. Prof. Dr. Atif Mustafa** received his B.E. in Civil Engineering from NED University, Karachi. He completed M.Engg. from NED University in Environmental Engineering and did his Ph.D. from the University of Edinburgh, UK. Dr Mustafa is currently serving at NED University as Professor and Chairman of Environmental Engineering. Prof. Mustafa has completed a number of international and national projects funded by UNICEF; IUCN; WWF; HEC; National Research Foundation, South Korea; University of Padua, Italy. He has signed several MoUs with national and international universities for joint research, student and faculty exchanges. He has more than 23 years of experience in teaching, research, training, administrative and consultancy services. As part of training and research he has worked in Ireland, Japan, Sweden, Thailand and the United Kingdom. He has published more than 45 scientific contributions in the form of research, reviews, book chapters and editorial type scientific articles. He is member of Pakistan Engineering Council, Institute of Engineers Pakistan, International Water Association, review committee of HEC and different universities and NED UNESCO Chair committee.



**Ms. Afia Salam** is a Masters in Geography and a career journalist having 4 decades of experience of print, electronic and web journalism. She has completed several Fellowships, and is a member of IUCN Commission on Education & Communications and Commission on Economic & Social Policy. She has been highlighting issues related to environment and climate change through her writings, and advocacy through seminars and moderation of panel discussions and round tables. As a development practitioner, she is the current elected President of Baanhn Beli and Chair Board of Trustees Indus Earth Trust. She is a member of Prime Minister's advisory body, National Climate Change Council and National Coordinating body for Marine Protected Areas.



**Mr. Muhammad Imran Sabir**, Director (Natural Resource), Sindh Environmental Protection Agency  
Mr. Imran is practicing professional in the field of Environment and Natural Resource Management. Working in Sindh EPA since 2007 in various positions, worked as focal person in development of environmental assessment procedures and guidelines for various industrial and infrastructure sectors for preparation of Environmental Assessment reports. Reviewed more than 1,000 Environmental Assessment studies filed in Sindh EPA, the sectors include Oil and Gas Exploration/Production, chemical manufacturing plants, power plants, fertilizers manufacturing, wastewater treatment facilities, distilleries etc.



**Ms. Zeevar Scheik**, Lead L&D at Samba Bank, HR Specialist, Green Economy Jurist & Social Compliance Auditor, Human Resources, Organizational Development Executive. & Environmental, Social Compliance Jurist with expertise and career in Banking, Development Finance, Environment & Management Consulting sectors. Currently heading Learning & Development & Talent Management, and Lead for Financial Inclusion & Diversity projects at Samba Bank Ltd. Pakistan. Served as ESG Consultant for United Nations Trade & Development-International Trade Centre, Asian Development Bank (ADB)/ International Finance Corporation (IFC) & US Agency for International Development (USAID) projects. Previously, Legal & Program Coordination at International Union for Conservation of Nature & Natural Resources, regional Fair Trade auditor for Flo-CERT, Germany & Financial Training Consultant for Banking, Energy & Telecom sector clients with TXT Solaris. Masters, University of Paris, France, LLB, S.M Law College, Certified Director, IBA-Institute of Directors UK.



**Engr. Tufail Ali Zubedi**, an environmental consultant at SPMC-Pakistan with over 20 years of experience facilitating organizations all over Pakistan and in abroad in improving their environmental performances and sustainable business consultancy through implementation of Cleaner Manufacturing, Energy Efficient technologies, improving Water and Carbon Footprints, reducing Greenhouse gases, Assessing Environmental & Social Impacts and Global Sustainability Reporting. He has worked with several national and international organizations such as World Bank, Asian Development Bank, International Finance Corporation for the protection, conservation, rehabilitation and improvement of the environment. Presently Tufail Ali Zubedi, writes on Environment, Sustainability and Climate Change issues facing Pakistan. He is also engaged as an Environmental & Social Safeguards Specialist at Sindh Secondary Education Improvement Project, a project by the School Education and Improvement Project, Government of Sindh and ADB.



**Engr. Beena Riaz**, Deputy General Manager, Environment, KE- Limited, Engr. Beena Riaz is a Civil & Environmental Engineer, having expertise in Environmental Legislation, Environment & Social Due Diligence, Impact assessments, WB Operational Policies and IFC Performance Standards. Certified trainer, lead auditor and incident investigator. Have specialized in the materiality of ESG factors. Presently she is working in K-Electric as a Corporate Environment Team Lead, responsible for ensuring regulatory compliance and EMS implementation across Generation, Transmission, Distribution and Enabling Functions. Earlier worked as Environment Specialist at the World Bank assisted Karachi Neighborhood Improvement Project, and led Environment, social and resettlement unit.



**Engr. Syed Nadeem Arif**, has a commendable 26-year career in the environmental sector. Managing Director of EMC Pakistan Pvt. Ltd., Principal Environmental Expert: He offers consultancy services in Environmental & Social Governance and has developed resettlement action plans. Expertise in Waste Management: Extensive knowledge in waste management and wastewater treatment technologies, providing innovative solutions to municipal and industrial sectors. Health, Safety, and Environmental (HSE) Management: Plays a pivotal role in implementing HSE Management Systems, conducting HSE audits, and ensuring compliance with EHS laws. Speaker and Trainer: An esteemed speaker at seminars and workshops on Environment, Health & Safety topics. Conducts numerous courses and training sessions on environmental issues.