

Scientific Program

13th International Conference on
**Pollution Control &
Sustainable Environment**

March 19, 2026 | Webinar

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Sessions will be hosted in GMT+1 (UK Timings)

Opening Ceremony

09:30-09:40 Introduction

Sessions: Environmental Pollution | Green and Renewable Energy | Global Warming | Climate Change | Recycling & Waste Management | Bioenergy & Biofuels | Green Nanotechnology | Ecology & Ecosystems | Sustainable Agriculture | Industrial Ecology | Environmental AI & Data Analytics | Bioremediation | Environmental Chemistry & Engineering | Oceanography & Marine Biology | Geophysics & Geo-technics | Geosciences | Carbon Capture Technologies

Session Introduction

09:40-10:10

Title: Air Pollution and Air Quality Index(AQI) trends and predictions using AI model

Rishan Pawar, Manalapan High School, USA

10:10-10:40

Title: Magnetic μ -RH@Bots: A Biocompatible and Cost-Efficient Approach for Targeted Micro-Nanoplastic, Oil and Dye Removal from Aqueous Environments

Saurabh Dubey, Indian Institute of Technology, India

10:40-11:10

Title: Sustainable Product Redesign: Integrating Green Chemistry, Lifecycle Assessment, and Process Optimization to Replace Restricted Plasticizers

Pratiksha Mane, TE Connectivity, India

11:10-10:40

Title: Factors Affecting Water Quality in the Sea of Marmara

Hazal Melisa Esen, Bursa Technical University, Turkey

Refreshment Break: 10:40-11:00

11:00-11:30

Title: The Quarelo Project

Luca Cilumbriello, Healthy Reply, Italy

11:30-12:00

Title: Evaluation of Filtration Performance of Indigenous Face Coverings in Stone Carving Work: Field-Based Evidence Dausa, India

Sumit Khandelwal, MNIT Jaipur, India

12:00-12:30

Title: Semantic Segmentation of Satellite Imagery to Detect Deforestation Using CNNs

Vivan Kanchustambham, Allen, India

12:30-13:00


Title: Assessment of Noise Attenuation across different floors in Multi-Storey Institutional Buildings

Nivedita Kaul, MNIT Jaipur, India



Lunch Break: 13:00-13:30

13:30-14:00 **Title: Environmental and Health Risks of Plastic: A Study on Awareness, Responsibility and Action**
Adib Afsar Khan, AIUB, Dhaka, Bangladesh



14:00-14:30 **Title: Urbanization and Flood Risk in Abuja, Nigeria under Climate Change**
Akinola Samson Ibukun, Brandenburg University of Technology
Cottbus, Germany

14:30-15:00 **Title: Textile industry perspectives on the evolution of environmental integration in EU regulatory frameworks: advances, gaps, and emerging trends**
Francesca Allocco, Institute for Atmospheric Pollution Research, Italy

15:00-15:30 **Title: Closing the Exposure Gap: Wearable Monitoring for Real-World Pollution Impacts on health**
David Riallant, Air Sentinels, France

Awards & Closing Ceremony

