



Scientific Program

2nd World Congress on

RECYCLING, ENVIRONMENTAL SCIENCE & CLIMATE CHANGE

June 09-10, 2025 | Zurich, Switzerland



Hosting Organization: Inovine Meetings LLC, 2C Pecan Hill Drive Clinton
Mississippi, 39056 USA | Phone: +1-408-648-2233

Day 1

Scientific Program

08:30–08:45: Registrations

08:45–09:00: Opening Ceremony

June 09, 2025 | Zurich

Keynote Presentations



09:00–09:40

Title: How Vacuum Insulation Achieves Energy Savings and Makes Bills Affordable

Saim Memon

Department of Industrial R&D in Vacuum Insulation Energy Technologies, Sanyou London Pvt Ltd, UK



09:40–10:20

Title: Impact of environmental Aging on EPDM/ EPDMd Compounds: Influence of Mediterranean and Pyrenees Climates

Xavier Colom

Universitat Politècnica de Catalunya Barcelona Tech, Barcelona, Spain

Group Photo | Coffee Break 10:20-10:40 @ Foyer

Special Workshop Session

10:40–11:40

Title: Transforming Business: Redefining Profit-Driven Business Models for Sustainable Impact

Adina-Iuliana Deacu

University of Surrey, UK

Oral Presentations

11:40–12:05

Title: Trends in Lake Maggiore floods event (NW Italy) and impacts on macroinvertebrates assemblages

Marzia Ciampittello, Angela Boggero

National Council for Research Water research Institute, Italy

12:05–12:30

Title: Overall benefits of biochar, produced from agricultural waste, for the farming system

Sara Tahery

The University of New South Wales, Australia

Session Introduction

Tracks

Recycling Basics | Circulatory Economy | E-Waste Recycling and Management | Solid Waste Management | Organic Waste Recycling | Pollution Control and Climate Change | Climate Change | Biodiversity Conservation | Environmental Sustainability and Development | Environmental Chemistry | Civil and Environmental Engineering | Waste Management and Treatment

Session Chair: Saim Memon, Department of Industrial R&D in Vacuum Insulation Energy Technologies, Sanyou London Pvt Ltd, USA

12:30–12:55

Title: Unlocking the potential of chemical recycling: key learnings on the way
Irina Yarulina
Sulzer, Switzerland

Lunch Break 12:55-13:45

13:45–14:10

Title: Tailoring Recycled Polyol Properties for Polyurethane Foams and Adhesives through Solvolysis Conditions
Alejandra Moyano Vallejo
INESCOP Footwear Technology Centre, Alicante, Spain

14:10–14:35

Title: Impurities and microplastics in organic wastes: implications for a circular economy
Paula Oulego
University of Oviedo, Spain

Poster Presentations (14:35-16:35)

P001

Title: Environmental Problems of the Northern Aral Sea Region and Vegetation Conservation
Liliya Dimeyeva
Institute of Botany and Phytointroduction, Almaty, Kazakhstan

Networking & Refreshments 14:55-15:15 @ Foyer

P002

Title: Assessment of the Current State of Botanical Diversity of the Western Kazakhstan Region
Anastassiya Islamgulova, Gulnara T. Sitpayeva
Institute of Botany & Phytointroduction, Almaty, Kazakhstan

P003

Title: Bioremediation potential of Effective Microorganisms (EM) in cosmetic wastewater treatment

Daria Kowalczyk-Chrzastowska

Wroclaw University, Poland

P004

Title: Rehabilitation of landfills in Thessaloniki: from landscape destruction to recovery

Vaya Karypidou and Argyri Voumvouraki

Regional Association of Solid Waste Management Agencies of Central Macedonia, Greece

P005

Title: Eco-Conscious Soil Management for Chemical-Free Saffron Cultivation

Dimitrios Alivertis

Ioanna-Efpraxia Parigoridi

University of Ioannina, Greece

Panel Discussion & Certificate Falcitation

Day –1 Ends

Day 2

Scientific Program

08:30–08:45: Registrations

08:45–09:00: Opening Ceremony

June 10, 2025 | Zurich

Keynote Presentation



09:00–09:40

Title: New Technology for Utilizing Of Spent Claus Catalyst in Manufacturing of Portland Cement

Ibrahim Alzahrani

Advanced Analysis Group, Saudi Aramco Dhahran, Saudi Arabia

Oral Presentations

09:40–10:05

Title: Use of an Ionic Liquid for Biochemical Production from Biomass

Nirmala Deenadayalu

Durban University of Technology, South Africa

10:05–10:30

Title: Circular Economy in Underground Construction: Enhancing Grout Sustainability with Recycled Waste

Alireza Entezam

University of Southern Queensland, Australia

Group Photo | Coffee Break 10:30-10:50 @ Foyer

Special Workshop Session

10:50–11:50

Title: Transforming Business: Redefining Profit-Driven Business Models for Sustainable Impact

Adina-Iuliana Deacu

University of Surrey, UK

11:50–12:15

Title: Potential of Reprocessed and Recycled HIPS as Food-Grade Materials

Javiera Sepulveda Carter

Polytechnic University of Madrid, Spain

12:15–12:40

Title: Sustainable waste management in Brunei: A pilot proposal for material recovery and composting to achieve landfill diversion and circular economy goals

Nilesh Patil

Touch N Glow Common Bio Medical Waste Treatment & Disposal Facility, India

Lunch Break 12:40-13:40

13:40–14:05

Title: The Future Demands the Youth: Youth Leadership in the Frontlines of the Climate Crisis

Sophia Long

University of Chicago, USA

14:05–14:30

Title: OMWW Soil Amendment: Analyzing Its Impact On Vicia Faba And Soil Parameters

Dahbane Oumaima

Cadi Ayyad University Faculty of Science Semlalia, Morocco

14:30–14:55

Title: Combating Climate Change through innovative Circular Economy in Bangladesh

Bidhan Chandra Pal

Founder and Managing Director, Probha Aurora, Bangladesh

Panel Discussion & Certificate Felicitation
Day –2 Ends

Day 3

Scientific Program

**Virtual Mode Zoom Meeting
(GMT+2) Time in Zurich**

June 11, 2025 | Virtual

12:30–12:50	Title: Modelling the Dispersion of Industrial Air Pollutants in Guwahati Using the Gaussian Plume Model Dhritimona Deka Indian Institute Of Science Education And Research, Kolkata, India
12:50–13:10	Title: Evaluation of Environmental Flows Using Desktop Hydrological Approaches for Sub basins of Upper omo-Gibe River basin, Ethiopia Bereket Gutema Gelchu Indian Institute of Technology Roorkee, India
13:10–13:30	Title: The 15-Minute City: Bridging Urban Promise and Practical Reality in Sustainable Development Vaibhav Damle University of York, UK
13:30–13:50	Title: Eco-friendly extraction of cutin from unripe green tomatoes by using different ecological and sustainable technologies Ilaria Maria Cigognini Experimental Station for the Food Preserving Industry, Italy
13:50–14:10	Title: Biological Role for Micro and Nano Plastics in Autophagy Modulation Mirko Pesce G. D'Annunzio University, Italy
14:10–14:30	Title: Life Cycle Assessment of Biochar Production from Date Palm Seed Waste: Environmental Impacts and Optimization for Arid Regions Rania Remmani Miguel Hernandez University, Spain
14:30–14:50	Title: Comparative Analysis of Conventional Electricity Generation and Oxy-Fuel Combustion Anna Hnydiuk Stefan Opole University of Technology, Poland
14:50–15:10	Title: Development of Sustainable Mortar using tannery sludge and Wheat Straw fiber with improved thermo-physical and sound properties Rkia Zari Cadi Ayyad University, Morocco

15:10–15:30

Title: The Sustainability Of Seaweed Biomass For Biorefinery Processes: Studies Of Sampling In The Littoral Of Alagoas/ Brazil

Fernando Pinto Coelho

Federal University of Alagoas, Brazil

15:30–15:50

Title: Climate Related Loss and Damage with a Case Study in the Caribbean

Asher Siebert

Climate Analytics, New york, USA

15:50–16:10

Title: Application of Thermography Technologies for Analysis and Evaluation for Urban Heat Island Effects

Paulo Cesar Velasco Maldonado

Jose Roberto Garcia Chavez

Universidad Autonoma Metropolitana, Mexico

16:10–16:30

Title: Design of a Sulfide Treatment System for Petrochemical Wastewater

Naveed Ahmad

Northern Border University, Saudi Arabia

Panel Discussion
