

## The 7<sup>th</sup> International Conference of Green Environmental Engineering & Technology 2025 (IConGEET2025)

### ORAL SESSION 1

12 September 2025 (Friday)

11.15 am – 1.00 pm

Food Lab Room at B1 Floor, SMESCO, Jakarta, Indonesia

TIME	<b>Oral Session 1: Air Pollution, Climate Change &amp; Environmental Protection</b>  <b>Chair Session: Dr. Norazrin Ramli</b>
11.15 am	<b>Invited Speaker 1:</b> Assoc. Prof. Ir Dr. Dewika Naidu  Comparative Assessment of Passive and Personal Sampling for Airborne Microplastics in a Plastic Manufacturing Facility
11.30 am	<b>Invited Speaker 2:</b> Assoc. Prof. Dr. Masli Irwan Rosli  Probabilistic Risk Assessment of Ammonia Gas Leakage in Ice Manufacturing Plants Using Bayesian Network: A Malaysian Case Study
11.45 am	<b>Invited Speaker 3:</b> Assoc. Prof. Dr. Nadzifah Yaakub  Comprehensive Assessment of Physicochemical Parameters and Water Quality in the Semenyih River, Selangor
12.00 pm	<b>Larisa Bugeac</b>  Bio-based Solutions as Soil Conditioners Tested in Microcosm Experiments for Their Effect on CO <sub>2</sub> Emissions
12.15 pm	<b>Nurfatehah Wahyuni Che Jusoh</b>  Effect of Particle Size on Oil Adsorption Efficiency using Untreated Lemon Peel Adsorbents
12.30 pm	<b>Lucian Laslo</b>  Assessment of Biochar Effects as a Nature-based-Solution on Croplands under Current and Future Climate Conditions
12.45 pm	<b>Elena Holban</b>  Assessing Water Quality for Black Sea Romanian Tributaries and Coastal Lagoons: Implications for Future Management
1.00 pm	Lunch break



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**ORAL SESSION 2**

12 September 2025 (Friday)

2.00 pm - 4.15 pm

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TIME	<i>Oral Session 2: Energy, Environment Sustainability &amp; Development</i> <i>Chair Session: Dr. Norlia Mohamad Ibrahim</i>
2.00 pm	<i>Invited Speaker 1: Assoc. Prof. Dr. Mohd Syahrul Hisyam</i>  Ultimate Load Capacity of Washed Bottom Ash Concrete Filled in Perforated Built-up Cold-formed Steel Column
2.10 pm	<i>Invited Speaker 2: Dr. Atham Lebbe Mohamed Rifky</i>  Obtaining Cellulose from Cotton Stalks, Microcrystalline Cellulose, and Cellulose Aerogel, and Study of their Properties
2.30 pm	<i>Atham Lebbe Mohamed Rifky</i>  Analysis of the Properties of Bread from Local Rye and Wheat for Sustainable Bread Production
2.45 pm	<i>Mohd Yusri</i>  Efficient Dye-sensitized Solar Cell using PdNb Cathode
3.00 pm	<i>Norain Abdullah</i>  Investigation on the Properties of Green Tea Bio-coke undergoing Torrefaction Pre-treatment and Post-treatment
3.15 pm	<i>Siti Nor Farhana Bt Zakaria</i>  Synthesis and Characterization of Zirconium-Based Metal Organic Frameworks (UIO-66) Double Ligands with Amine-Carboxylic Acid (NH <sub>2</sub> -H <sub>2</sub> BDC) using Solvothermal Method at High Temperature
3.30 pm	<i>Maisarah Mat Rajab</i>  Bio-Coke Fabrication from Wood Powder: Assessing Its Potential as a Biomass Material
3.45 pm	Coffee Break
4.15 pm	End of Conference

