

ADIC 2025 - 2nd Symposium On Anaerobic Digestion And Composting 2025

Wednesday, October 15, 2025

Session 2: Introduction by the Session Chair (12:23 PM - 12:26 PM)

-Conveners: Nurhazwani Yusoff Azudin

Session 2: Keynote Speaker 3: Passive aerated composting: From lab to community engagement (12:26 PM - 12:56 PM)

-Conveners: Abu Zahrim Yaser

Session 2: Invited Speaker 2: CFD Analysis of Natural Ventilation Designs for Composting Systems (12:56 PM - 1:11 PM)

-Conveners: Chu Chi Ming

Session 2: Invited Speaker 3: Sustainable Composting Practices for Waste Management (1:11 PM - 1:26 PM)

-Conveners: Mohd Armi Abu Samah

Session 2: Invited Speaker 4: Exploring the Potential of De-oiled Bleaching Earth in Composting (1:26 PM - 1:41 PM)

-Conveners: Mariani Rajin

Session 2: Invited Speaker 5: Composting of Biodegradable Plastics Waste: Opportunities and Challenges (1:41 PM - 1:56 PM)

-Conveners: Sariah Saalah

Session 2: Invited Speaker 6: The Black Box of Composting Systems: Decoding Veterinary Antibiotic Fate in Aerobic vs. Anaerobic Manure Treatment (WIB TIME: 13:11) (1:56 PM - 2:11 PM)

-Conveners: Rizkiy Amaliyah Barakwan

Session 2: Invited Speaker 7: The Black Box of Composting Systems: Decoding Veterinary Antibiotic Fate in Aerobic vs. Anaerobic Manure Treatment (WIB TIME: 13:11) (2:11 PM - 2:26 PM)

-Conveners: Kiki Gustinasari

Session 2: Invited Speaker 8: Waste-to-Energy and Compost Transformation: A Sustainable Solution for Palm Oil Mills (2:26 PM - 2:41 PM)

-Conveners: Rustan Aripuddin

Session 2: Invited Speaker 9: Kearifan Lokal Penghasilan Kompos Ketum Ayam (2:41 PM - 2:56 PM)

-Conveners: Razipin Gutuk

Session 2: Oral 8: Evaluation of Compost from Vegetable Waste and Depleted Oil Bleaching Earth (DOBE) on *Alternanthera Sessilis* Growth (2:56 PM - 3:06 PM)

-Conveners: Nicole elvina Anthony

Session 2: Oral 9: Landfill Leachate Sludge as a Resource for Composting: Opportunities and Challenges (3:06 PM - 3:16 PM)

-Conveners: Azreen Ibrahim

Session 2: Oral 10: Water Treatment Sludge Potential for the Treatment of Compost Leachate (3:16 PM - 3:26 PM)

-Conveners: Nelley Juee Phillip

Session 2: Oral 11: Food Waste Management through Decentralized Composting: Nutrient Analysis of Compost from an Electrical Composter (3:26 PM - 3:36 PM)

-Conveners: Aliza Che Amran

Session 2: Oral 12: Enhancing Brazilian Spinach (*Alternanthera sissoo*) Growth with Compost Leachate from Food and Vegetable Wastes (3:36 PM - 3:46 PM)

-Conveners: Abu Zahrim Yaser

Session 2: Oral 13: Assessment of Bacterial Populations associated with a Regional Sewage Treatment Plant (RSTP) in Sabah, Malaysia using a Metagenomic Approach (3:46 PM - 3:56 PM)

-Conveners: Kenneth Rodrigues

Session 2: Oral 14: Process Optimization of Bioethanol Production from Agro-Waste (Watermelon) Using Response Surface Methodology (3:56 PM - 4:06 PM)

-Conveners: Rahmath Abdulla

Session 2: Oral 15: The Effect of Food Waste Fermentation on Bioconversion using Black Soldier Fly (BSF) Larvae (WIB TIME: 15:06) (4:06 PM - 4:16 PM)

-Conveners: Earlan Nugraha

Session 2: Closing Remarks & Symposium Winding-up by (4:16 PM - 4:31 PM)

-Conveners: Sariah Saalah

Session 2: Online group photo (4:31 PM - 4:36 PM)