

# APLAS

KUALA LUMPUR 2024

## THE 12TH ASIA-PACIFIC LANDFILL SYMPOSIUM

In Association With

AUN/SEED-Net Regional Conference

12 - 14 NOVEMBER 2024  
KUALA LUMPUR, MALAYSIA

CONFERENCE X FORUM X WORKSHOP  
EXHIBITION X TECHNICAL TOUR

ORGANISED BY:



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

Malaysia-Japan  
International Institute  
of Technology  
(MIITT)

SUPPORTED BY:



**AUN/SEED-Net**



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[mjarc.utm.my/aplas2024](http://mjarc.utm.my/aplas2024)



Our conference theme champions all forms of effort, research and solution in the circular transition of **“Waste 2 X”**. **“X”** in our theme represents the diverse range of valuable outputs that can be obtained from the circular transition of waste. Circular transition of waste is a systemic approach aimed at transforming waste materials into valuable resources, products or energy through various processes such as recycling, upcycling, composting, product recovery & forms of waste-to-X technologies. Therefore, APLAS 2024 aims to open avenues for forums, sharing & business sessions, exhibitions & high value presentations to exchange ideas and knowledge to minimize the generation of waste, reduce environmental pollution, and maximize the utilization of resources within a closed-loop system. Through this **“Waste 2 X”** approach, we believe societies can move towards a more sustainable and resource-efficient model, reducing reliance on finite resources, mitigating environmental pollution, and fostering economic opportunities through the creation of new industries and job markets.



# MAIN SESSION TOPICS

- 1) Sustainable Waste Management Strategies: Waste Management Policy, Planning, Practices and Challenges.
- 2) Sustainable Landfilling: landfill Designs, Gas And Leachate Management, Operation and Maintenance, and Rehabilitation.
- 3) Circular Economy and Waste Prevention & Minimization Strategies: Refuse, Reduce, Reuse, Repurpose, Recycle.
- 4) Integrated Solid Waste Management: Collection and Transportation, Finance and Administration, Public Concern.
- 5) Waste Transformation and Valorization: Waste-to-wealth and Waste-to-energy Strategies
- 7) Hazardous and Special Waste Management: Scheduled Waste, Chemical Waste, E-waste, Medical Waste, etc.
- 8) Innovative Technologies for Waste Treatment and Disposal: Mechanical, Chemical, Biological & Thermal Treatment Technologies, etc.
- 9) Community Engagement & Education in Waste Management
- 10) Challenges on Waste Management and 3Rs in Islands
- 11) Disaster Waste Management





special lecture / panel discussion

# POST DISASTER WASTE MANAGEMENT

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# E-WASTE RECYCLING & DISPOSAL

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# ISLAND WASTE RECYCLING & MANAGEMENT

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