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Meeting Report

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Report on the 4th International Conference on Environmental Sustainability Through Waste and Recycling (ENSURE - 2026)

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The 4th International Conference on Environmental Sustainability Through Waste and Recycling (ENSURE - 2026), organized by USG United Scientific Group, was held from April 13 - 15, 2026, in Boston, Massachusetts, United States, in Hybrid mode (In-person & Virtual). The conference welcomed **57** attendees from more than **20** countries and featured **2** plenary lectures, **11** keynote presentations, **31** featured oral presentations, and **4** poster presentations, bringing together researchers, academicians, and industry experts to discuss the latest developments in environmental sustainability, waste management, recycling, and the circular economy.

The conference commenced with plenary lectures by Prof. Bob Gedert (Xavier University, USA), who presented "Untangling Plastics: Reaching the Post-plastic Age for Sustainability," and Prof. Thomas J. Webster (Hebei University of Technology, China), who delivered a talk on "Now to Eliminate Medical Device Infection: A Five Step Guide Using Nanotechnology (With Input on Sustainability)."

The scientific program also included keynote and technical sessions covering resource recovery, plastic and polymer recycling, food and agricultural waste, wastewater treatment, artificial intelligence-driven waste management, sustainable packaging, renewable energy, environmental health, circular economy, and emerging recycling technologies. These presentations showcased innovative research and practical solutions to address global environmental challenges.

We sincerely thank all keynote speakers, presenters, session chairs, delegates, and industry representatives for their valuable contributions and active participation, which made ENSURE-2026 a successful international event. The conference provided an excellent platform for knowledge exchange, collaboration, and showcasing advancements in waste and recycling technologies.

Building on the success of ENSURE-2026, the 5th International Conference on Environmental Sustainability Through Waste and Recycling (ENSURE - 2027) will be held from April 12 - 14, 2027, in Houston, Texas, USA, in a hybrid format. We look forward to welcoming participants from around the world to share their latest research and innovations at ENSURE - 2027.