



# 41<sup>ST</sup> INTERNATIONAL CONFERENCE ON THERMAL TREATMENT TECHNOLOGIES & HAZARDOUS WASTE COMBUSTORS

February 26-27, 2025 • Tulsa, OK



**International Conference on Thermal Treatment Technologies & Hazardous Waste Combustors  
February 26-27, 2025 • Hyatt Regency Tulsa Downtown • Tulsa, OK**

## Call for Abstracts

The International Conference on Thermal Treatment Technologies & Hazardous Waste Combustors (IT3/HWC) provides a forum for the discussion of state-of-the-art technical information, regulations, and public policy on thermal treatment technologies and their relationship to air emissions, greenhouse gases, sustainability, and climate change. Panels and presentations will address various aspects of waste management using thermal treatment processes and provide useful insight into associated costs, risks, and impacts. Practical applications of technical and scientific advances will be presented by international subject matter experts for a broad range of waste streams and waste treatment issues. Sessions will focus on technological advances, regulatory issues, greenhouse gas inventories, residuals treatment, climate change, and related topics including how these affect public perception and developing governmental policies.

New topics added for 2025 include air pollution control technologies targeting PM2.5 emissions, new regulations for HWI facilities, resource recovery, best practices, and alternatives to thermal treatment through green fuels, and ways to a zero-carbon footprint.

The IT3 attendees will obtain the knowledge necessary to make well-informed decisions and deliver the benefits to the industries they serve and sectors they work in, such as:

- Petrochemical Production
- Chemical Manufacturing
- Oil & Gas
- Waste Processing Operations
- Biofuels Production
- Cement Plants
- Nuclear Industry
- Metals & Mining
- Demilitarization Operations
- Emissions Monitoring and Testing Services
- Pulp & Paper
- Municipal Waste Management
- Industrial Boilers
- Food & Beverage
- Universities
- Pharmaceutical
- Waste Treatment and Disposal Operations
- Regulatory and Policy Development
- Thermal and Air Pollution Control Equipment Manufacturing

**The IT3/HWC Program Advisory Committee will consider all topics with new information in the following categories:**

- Thermal Treatment: Innovations & Developments
- Thermal Recycling

- Waste-to-Energy Operations, Economics, Best Practices
- Resource Recovery Technologies
- Greenhouse Gas Management and Sustainability
- Green Fuels
- Thermal Treatment Applied to PFAS
- Plastics to Energy/Closed Loop Processing
- Developments in Established International Markets for Incineration
- Developments in Emerging Markets for Incineration
- Incineration's Role in Homeland Security
- Pyrolysis and Gasification Applications for Energy Conversion
- Permitting and Regulatory Policy Issues
- Research and Development (R&D) – All Areas
- Pollution Control Technologies Related to Thermal Treatment
- Instrumentation & Monitoring Advancements
- Management Tools Related to Thermal Treatment & Waste Handling Processes
- Carbon Capture, Utilization, and Sequestration (CCUS)

### **Abstract Selection**

Abstracts of 250 words or less should be submitted by **October 31, 2024**. Contributed abstracts will undergo critical review by the IT3/HWC PAC for originality, content, objectivity, and absence of commercialism. Authors of abstracts approved for presentation will be notified of acceptance by November 21, 2024. [\*\*Submit your abstract via the online survey.\*\*](#)

### **Important Dates**

Abstract Submission Deadline: October 31, 2024

Author Notifications: November 21, 2024

Preliminary Agenda Available: December 9, 2024

Draft PowerPoint Deadline: January 28, 2025

Review Comments from Session Chairs to Authors: February 11, 2025

Final PowerPoint Deadline: February 18, 2025

### **IT3/HWC Conference**

Offsite Technical Tour – Tuesday, February 25, 2025

Technical Program – Wednesday, February 26 – Thursday, February 27, 2025

Presented by:



AIR & WASTE MANAGEMENT  
ASSOCIATION

SINCE 1907