



American Chemical Society

Call for Papers

Sustainable Waste Management: Issues and Challenges

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The purpose of this session is to outline various advances in the area of sustainable waste management. The rate of recycling of municipal solid waste (MSW) drastically increased in the past few decades. Nonetheless, landfilling of MSW is still the dominant solid waste management option for the United States as well as many other countries around the world. It is well known that solid waste management policies, as they exist now, are not sustainable in the long term. Thus, MSW management is undergoing drastic change to offer management options that are more sustainable. We look at these options in the hope of offering the solid waste management industry a more economically viable and socially acceptable solution to our current waste management dilemma. These developments range from the implementation of bioreactor landfill technologies to advancement in biofuels generated from solid wastes.

The topics that would be covered in this session, but not limited to, are:

- Sustainable Waste Management
- Policy and Regulatory Issues
- Waste Reduction Reuse and Recycling
- Construction and Demolition Waste
- Electronic Waste
- Composting of Solid Waste
- Pharmaceutical Waste Management
- Landfill Site Rehabilitation
- Solid Waste Management in developing countries
- House Hold Hazardous Waste
- Industrial Waste Management
- Waste identification
- Management of Combustion byproducts
- Physical, chemical and biological interactions in solid waste landfills
- Solid Waste to Biofuel
- Methane emissions and climate change
- Carbon Credit

Please send your abstracts and your inquiries should be directed to:

Thabet Tolaymat Ph.D.
U.S. EPA
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Drive
Cincinnati, OH 45268
Tel.: 513-487-2860
Fax: 513-569-7879
e-mail: tolaymat.thabet@epa.gov

Souhail Al-Abed, Ph.D.
U.S. EPA
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Drive
Cincinnati, OH 45268
Tel.: 513-569-7849
Fax: 513-569-7879
e-mail: al-abed.souhail@epa.gov