



Presented by the Institute for Sustainability (IfS), SPS' 18 will focus on waste valorization and sustainability challenges, as well as opportunities for creating value-added products from the waste streams abundant in our cities, oceans, and food supply chains. The conference is chaired by Serpil Guran, Rutgers University.

December 5-7, 2018 • Rutgers University, New Brunswick, NJ

THE SYMPOSIUM WILL FOCUS ON THE FOLLOWING THEMES:

Organic Waste & Food Waste

Food Supply Chain Waste

- Agricultural Waste & Feed Waste
- Food Processing Waste
- Other Pre-consumer Waste from Distribution & Supermarkets/Commercial & Residential Kitchen Waste
- Post-consumer Waste from Residential and Cafeteria/Hotel/Hospital Waste

Collection and Logistics

- Waste Contamination and Impacts on the Efficient Conversion for Valorization
- Food Waste to Products Conversion Technologies (Existing & Emerging)

Plastic Waste

- Recycling, Downcycling and/or Upcycling
- Collection and Logistics
- Contamination
- Suitable Conversion Technologies

Waste Water Treatment

- Innovation and Improvements
- Transitioning for Tomorrow

Electronic Waste

- Material Recovery
- Environmental Benefits Assessment, LCA
- Cost Benefit Analysis

Construction & Demolition Waste

- Technologies and Approaches for Valorization
- New Products
- Energy and Material Recovery

Drivers

- Policy
- Economic & Managerial
- Climate Change Mitigation
- Circular-Economy Creation

Assessment of Waste and Products

- Assessment of Waste and Valorized End Products
- LCA
- Technoeconomic Analysis
- Social Sustainability
- Organic Waste Integration into Food-Energy Water Nexus Concept

CONFERENCE CO-CHAIR:

Serpil Guran, *Rutgers University*

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