

INVITED SESSION SUMMARY**Title of Session:**

Waste-to-Energy Innovations for Urban Sustainability

Name, Title and Affiliation of Chair:**Prof. Larisa IVASCU**

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Details of Session (including aim and scope):

Sustainability is an approach adopted by more organizations in different fields. Achieving sustainable development goals and engaging in the application of the principles is present at a global level. There are several challenges to achieving sustainability or an approach to it.

New technologies for transforming urban waste into energy – including advanced pyrolysis, anaerobic digestion and heat recovery processes.

The energy sector is important to economies. Sources for sustainable energy differ from one entity to another. Opportunities for renewable energy development, technical and engineering approaches for renewable energy management, and organizational culture are among the priorities of this challenge. Organizations adopt several strategies to improve energy management. The strategies adopted are sometimes incomplete or unclearly defined.

Approaching strategies using the latest technological tools and cultural approaches can have a positive impact on the organization. Renewable energy is a challenge for every organization and can develop major challenges between the two areas of sustainable energy and the economy.

The papers are invited that explore the challenges of sustainability in management and building. The expected papers may address strategic management, renewable energies, organizational management, building sustainability and various challenges adjacent to them.

The authors could be researchers, students or members of the university staff, or research experts or laboratories or industrial organizations or governmental institutions or other learned or other societies functions and organizations.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Research Center for Engineering and Management - <https://mpt.upt.ro/colectivul-de-cercetare/>

Politehnica University of Timisoara - https://www.upt.ro/Informatii_the-message-of-the-rector_1876_en.html

Website URL of Call for Papers (if any):

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Chair:

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