

JOINT E-CONFERENCE ON RENEWABLE ENERGY AND SUSTAINABILITY & GEO SCIENCE AND GREEN TECHNOLOGY MARCH 15-16, 2023 | WEBINAR



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Renewable sources : from municipale wastes to energy

Waste generation is extensively growing in developing countries due to the continuous growth of industrialization, urbanization, and population. Management of municipal solid waste (MSW) not only has negative environmental effects but also causes the risk to public health. Therefore, it is essential to urgently enhance the handling of waste collection, segregation, and safe disposal. Waste-to-energy technologies such as pyrolysis, gasification, incineration, and biomethanation can convert MSW, as an appropriate source of renewable energy, into useful energy (electricity and heat) describing the challenges of MSW managemen. In this paper, several waste to energytechnologies (pyrolysis, gasification, incineration, and biomethanation) were discussed in detail.

What will audience learn from your presentation?

(Try to list 3-5 specific items)

- Explain how the audience will be able to use what they learn?
- How will this help the audience in their job? I WILL SHARE MY STUDIES
- Is this research that other faculty could use to expand their research or teaching? YES
- Does this provide a practical solution to a problem that could simplify or make a designer's job more efficient?
- Will it improve the accuracy of a design, or provide new information to assist in a design problem? YES
- List all other benefits.