

# Keynote Speech: Development of Solid Waste Management

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This invited lecture is about development of solid waste management. The state of art development stages of municipal solid waste (MSW) management system from early 1970 to date are reported. Various MSW management technologies and their merits and demerits are described. He emphasized that decision makers should employ/adopt MSW management technology carefully otherwise all resources will go waste. The lecture explains the hybrid system of pyrolysis and gasification to recover the refused derive fuel (RDF) and gas from the waste. This technology is being used to treat the hazardous waste and MSW for energy recovery purposes. China is recovering the landfill gas from the landfills and utilizing for electricity generation, leachate treatment and also converting it to compressed natural gas (CNG).

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