*waste*

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# Conversion and Gasification of Gaseous, Liquid and Solid Organic Wastes

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## Message from the Guest Editors

Dear Colleagues,

Modern society is faced with the problem of clean processing/utilization of gaseous, liquid and solid organic wastes, such as associated petroleum and pyrolysis gas, aqueous effluents of industries, municipal liquid/solid wastes and sewage sludge. Thermal processing of these materials is considered the most suitable solution due to its relatively low environmental impact and partial recovery of energy and material resources. Available technologies of thermal processing are based on combustion/incineration, conversion/pyrolysis, and gasification, as well as on their combinations. Combustion of wastes results in the formation of airborne gaseous pollutants, such as polyaromatic hydrocarbons, NOx, SOx, HCl, furans, dioxins, as well as organic and inorganic aerosol particulate, fly ash, ashes, etc. Conversion, pyrolysis, and gasification of wastes can potentially reduce the production of various pollutants due to the absence or reduced amount of oxygen.

The objective of this Special Issue of *Waste* is to provide a collection of scientific papers focusing on recent progress in conversion, pyrolysis, and gasification of gaseous, liquid, and solid organic wastes.