

Special Issue

State of the Art of Waste Utilization and Resource Recovery

Message from the Guest Editors

Waste utilization is an ongoing problem in scientific research. The amount of industrial and agricultural waste produced every year exceeds hundreds of millions of tons, and the heat content exceeds trillions of heat units. Reusing this waste in one way or another is not a new concept. If discarded, it is a debt, which is widely recognized by the industry and the scientific community. However, the economics associated with by-product flows and temporary bills can be converted into assets if they can be put into use. We will review some of the more common methods of industrial waste treatment. Resource recovery may be considered the most ideal way to treat industrial waste streams; it not only eliminates waste streams, but also reduces the demand for raw materials and saves energy required for the procurement, pretreatment and transportation of additional raw materials. The purpose of this Special Issue is to provide information regarding how this waste can be reused through simple processing and returned to industry and agriculture for resource recovery. This Special Issue contains knowledge from those with academic ideas on the latest technology.

Guest Editors

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