



State of the Art of Waste Utilization and Resource Recovery

Guest Editors:

Prof. Dr. Zucheng Wu

Department of Environmental
Engineering, Zhejiang University,
Hangzhou 310027, China

Dr. Ying Kang

Department of Water
Environment Monitoring,
Zhejiang Ecological Environment
Monitoring Center, Hangzhou
310012, China

Dr. Xiao Feng

School of Environmental and
Municipal Engineering, North
China University of Water
Resources and Electric Power,
Zhengzhou 450046, China

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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.





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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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