

Special Issue

Resource Recycling and Reuse —Practices, Modeling, Health and Safety Issues

Message from the Guest Editors

Humans generate several tons of waste every day, and concurrently, there is a growing concern over the impact of such waste on the environment and human health. Poor waste management systems on any scale can create environmental problems, health problems, and even economic concerns. However, this waste is also rich in water, nutrients, energy content, and materials that can be retrieved for various usages if managed properly. In this regard, recycling and reuse of waste play a vital role in conserving resources and achieving sustainable development. Utilizing resources sustainably has several advantages: 1) reducing pollution, 2) saving energy and mineral resources, 3) saving money, 4) reducing greenhouse gas emissions, and 5) reducing the amount of waste. This Special Issue aims to gather contributions addressing the concerns of resource recycling and using recycled materials and their in-use performance and effect on human health. Papers discussing practices, modeling, health and safety issues which include identification of hazards, exposure assessments with a possible route of transmission, risk characterization, management, and communication are very much welcomed.

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Editor-in-Chief

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