

Special Issue

Wastewater Treatment and Waste Recovery in Environmental Processes

Message from the Guest Editors

The effective management and treatment of wastewater play a critical role in maintaining environmental sustainability. Traditional waste recycling plants are designed to remove suspended solids, eliminate contaminants and nutrients, and convert organic matter into bio-energy and biosolids. However, there is a growing need to explore innovative approaches, technologies, and strategies that can enhance the efficiency of wastewater treatment and waste recovery in the following key areas:

- Advancement in wastewater treatment technologies;
- Recovery of valuable resources (nutrients, energy, and biosolids);
- Integrated approaches for optimizing processes;
- Novel materials and processes to enhance efficiency;
- Life cycle assessment of new systems and processes;
- Techno-economic analysis of wastewater treatment processes.

Developments in these areas can advance our collective understanding and promote sustainable solutions for wastewater treatment and waste recovery, contributing to a cleaner and healthier environment.

Guest Editors

Dr. Mojtaba Hedayati Marzbali

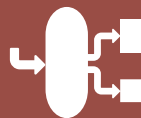
Chemical and Environmental Engineering School, RMIT University,
Melbourne, VIC 3000, Australia

Prof. Dr. Kalpit Shah

Chemical and Environmental Engineering, School of Engineering, RMIT
University, Melbourne, VIC 3000, Australia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Giancarlo Cravotto

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

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