

Special Issue

Sewage Disposal, Biological Processes and Resource Utilization of Sewage Sludge

Message from the Guest Editors

Wastewater biological treatment, as an efficient, economical, and environmentally friendly technology, has been applied worldwide. Sludge contains an abundance of organic matter and nutrients such as nitrogen and phosphorus. Converting it into a reusable resource has become key to solving environmental pollution and resource scarcity. The goal of this Special Issue is to gather the latest research achievements in wastewater biological treatment technology and sludge resource recycling and promote scientific innovation and technological progress in this field. By showcasing new methods, materials, and equipment in wastewater treatment, as well as cutting-edge technologies for sludge resource recycling, our aim is to promote sustainable water resource management, reduce environmental burden, and maximize resource recovery efficiency. The main themes covered are as follows: Development of wastewater biological treatment technology; Resource utilization of sludge; Comprehensive process for sewage and sludge treatment; Environmental and economic impact assessment.

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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