



water

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Research on Sludge Treatment

Guest Editor:

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Deadline for manuscript submissions:

closed (30 April 2021)

Message from the Guest Editor

This Special Issue aims at presenting the future developments and the state-of-the-art of the current research on sludge treatment.

The concept of circular economy and sustainability, have marked significant changes in the wastewater management/research sector, given that sludge is now considered a valuable resource. It is crucial to adopt strategies that allow recovering the resources, (e.g., energy, nutrients and bio-based substances, ...), and at the same time, mitigating their potential harmful content.

Particular attention will be given to papers related to the recovery of energy (gas, electricity or heat), nutrients and other materials (e.g. Bioplastics, fertilizers, cellulose, personal health products). Articles dealing with the integration of green solutions (e.g., nature-based solutions) in the traditional sludge management are also welcome. Contributions from both lab-scale research projects to experiences from full-scale applications on different kind of sludges (e.g., domestic, municipal, agroindustrial) will be welcome. Review papers summarizing the existing knowledge and technological status of different management strategies are also welcome.



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Special Issue



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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.

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