Special Issue

Advances in Sewage Sludge Treatment and Recycling Applications

Message from the Guest Editors

Sewage sludge, the main byproduct of sewage/wastewater treatment, is produced in large quantities. Generally, sludge treatment and disposal can account for half of the operating cost of sewage treatment plants. Therefore, the economical and efficient treatment of sludge can promote the healthy development of the sewage treatment industry. It is worth noting that sludge is an extremely complex mixture. The complexity of sludge components determines the difficulty of treatment and the high requirements of the treatment and disposal processes. It is generally believed that the ideal sludge treatment or disposal technology should meet three requirements: acceptable cost, recycling of available components, and effective control of polluting components. This Special Issue of Sustainability aims to report the latest developments in the treatment and disposal of sewage sludge, such as dewatering, anaerobic digestion, compost, hydrolysis, pyrolysis, liquefaction, gasification, incineration, etc. Therefore, we invite authors to contribute research articles, reviews, communications, and concept papers that will show the recent advances in this field.

Guest Editors

Prof. Dr. Huajun Huang

Prof. Dr. Jie Ye

Prof. Dr. Lijian Leng

Prof. Dr. Zhihua Xiao

Deadline for manuscript submissions

closed (15 December 2023)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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