Special Issue

Sustainable and Best Available Technologies (BATs) for Wastewater and Sludge Treatment/Management in the Global South

Message from the Guest Editors

The Global South still lacks suitable wastewater and sludge treatment technologies. There are emerging solutions, such as the so-called CATNEP (cheapest available technology not entailing prosecution) technologies, whose implementation have only worsened the problem of wasterwater pollution in the Global South. Recent international standards such as ISO 30500 (non-sewered sanitation systems—prefabricated integrated treatment units—general safety and performance requirements for design and testing) or ISO 31800 (fecal sludge treatment units—energy-independent, prefabricated, community-scale, resource recovery units—safety and performance requirements) have suggested a comprehensive set of strict environmental emission thresholds, leading to the development of BATs (best available technologies). [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/6I028H982Y

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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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