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

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Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Dear Colleagues,

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 wastewater 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).

[...]

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Special Issue



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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

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