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Best Available and Sustainable Wastewater and Sludge Treatment and Management Technologies for the Global South

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Message from the Guest Editor

Whereas the Global South is still lacking suitable wastewater and sludge treatment technologies, solutions have often focused on low-cost technologies with cost as the main selection criterion. As a result, often so-called CATNEPs (cheapest available technology not entailing prosecution) technologies have been implemented, worsening the pollution problem. The often lacking maintenance of wastewater treatment technologies in the Global South has further contributed to the pollution problem. 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 BATs (best available technologies).

[...]

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Special Issue



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Message from the Editor-in-Chief

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