Topical Collection

Water and Wastewater Treatment Technologies

Message from the Collection Editor

Growing populations, urbanization and industrialization all generate large volumes of wastewater containing hazardous pollutants, most of which are recalcitrant, causing their accumulation and persistence in the environment and placing wildlife and human health at risk. Therefore, the removal of such compounds from wastewater before its discharge into the environment is an urgent requirement, conventional treatment techniques presenting the following limitations: a low efficiency, high cost and the generation of toxic by-products. This has driven the search for novel efficient and environmentally friendly technologies, the current book focusing on stated emerging technologies, as well as the modification of conventional technologies for water and wastewater treatment. In addition, the reuse of water and the recovery of valuable compounds from wastewater are considered to promote the transition from a lineal to a circular economy in wastewater treatment, complying with the United Nations' sustainable development goals (SDGs) for 2030.

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Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

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