Special Issue

New Advances in Disinfection of Wastewater

Message from the Guest Editor

Disinfection of wastewater is often done in order to get irrigation water or to protect receiving surface waters used for fish production, recreational purposes, raw water of drinking water, industrial waters, etc. The needs for disinfection are increasing due to climate change, and its effects on precipitation and evaporation. In addition, the amount of wastewater will be increasing with urbanization and a higher coverage of sanitation. Normal wastewater treatment processes performed in municipal wastewater treatment plants or small-scale treatment units do not usually efficiently reduce the number of enteric microorganisms. There are new disinfection chemicals, which often have better efficiency relative to old ones, but their limitations must be considered. Different technological pre-treatments can be beneficial, as well as different combined treatments. The new disinfection chemicals may change the chemical quality of effluent. Original research articles dealing with these themes are welcome.

Guest Editor

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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.

Editor-in-Chief

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