Special Issue

Formation and Control of Disinfection By-Products in Water

Message from the Guest Editors

Under the global COVID-19 pandemic, rapid transmission of severe acute-respiratory syndrome coronavirus 2 (SARS-CoV-2) occurs via contact or inhalation of viral droplets and aerosols. To avoid SARS-CoV-2 infection, intensified disinfection procedures have been adopted in indoor and outdoor settings and during drinking water and wastewater treatment with chlorine-based disinfectants. There is no doubt that the application of chlorine-based disinfectant plays an important part in fighting against the COVID-19 pandemic. However, the formation of disinfection byproducts (DBPs) in water induced by the reaction between disinfectant and water matrix inevitably poses a great challenge to water quality. In view of the above observation, this Special Issue will focus on manuscripts (research papers, reviews, short communications) related to the research and development, policy, implementation, and management of DBPs in water and wastewater treatment. [...]
For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/formation_control_disinfection

Guest Editors

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Message from the Editor-in-Chief

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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