Special Issue

Water Treatment Using Nanomaterials and Nanotechnology

Message from the Guest Editors

A new advancement for water treatment is represented by using nanomaterials, which, if appropriately controlled and managed in their application, constitute an efficient means to decontaminate environmental matrices containing organic or inorganic contaminants. These materials make it possible to satisfy the principles of the circular economy, with the possibility of recovering and therefore reusing them, due to their high effectiveness in decontamination. In fact, nanomaterials, given their nanometric scale, have numerous properties that make them superior to other commercial materials more widely used until now, such as a high surface/volume ratio, a greater adsorption capacity, catalytic activity, high reactivity, and a larger number of active sites available for interactions with different chemical species. This Special Issue of *Water* titled “Water Treatment Using Nanomaterials and Nanotechnology” intends to draw attention to and assess recent advances in the production process [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/641S0Y1621

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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