



water

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Adsorbents for Water and Wastewater Treatment and Resource Recovery

Guest Editors:

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Deadline for manuscript
submissions:

closed (30 November 2020)

Message from the Guest Editors

Adsorption is a well-established operation commonly used in water and wastewater treatment. In the last decade, the search for alternative adsorbents has rocketed up. Now is also the time when the contribution of the adsorption to the circular economy has been stepping up, going beyond the removal of harmful contaminants from water, and going towards the recovery of substances of economic interest or in risk of scarcity.

This special issue invites the submission of original research papers or review papers covering the latest findings and progresses in this field. We are keen to receive contributions reporting results with different kinds of adsorbents/biosorbents and for different applications (drinking-water treatment, purification of irrigation water, wastewater decontamination, industrial wastewater treatment, among others), covering a wide range of adsorbates (heavy metals, toxic metalloids, surfactants, dyes, nutrients, pharmaceuticals, personal care products, pesticides, among others). Contributions related to the recovery of substances from aqueous solution (e.g.: phosphate, critical and precious metals) will be also highly welcomed.



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Special Issue



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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.

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