



water



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Recent Advances in Water and Wastewater Treatment with Emphasis in Membrane Treatment Operations

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Message from the Guest Editors

Dear Colleagues,

Worldwide, an estimated 800 million people remain without access to an improved source of drinking water and in parallel global water demand for manufacturing is expected to increase by 400% between 2000 and 2050. Although between 2001 and 2010 more than one billion Euros were invested by the European Commission to tackle this problem, it is evident that the Millennium Development Goals targets have not been fully met by 2015. In September 2015, the United Nations adopted the sustainable development goals for 2030 and one of them is to ensure availability and sustainable management of water and sanitation for all.

The proposed Special Issue intends to bring together recent research findings from renowned scientists in this field. The aim is to assemble contributions on advanced technologies applied to the treatment of wastewater and drinking water, with emphasis on novel membrane treatment. We seek contributions that analyze water treatment systems with the objective of modelling, designing and optimizing the different processes.

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Guest Editors



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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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