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Innovative Approaches for Drinking- and Waste-Water Treatment

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Deadline for manuscript submissions:
closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

With more than 2 billion people worldwide suffering from water scarcity, clean water is one of the most important natural resources on earth, whereas wastewater, which corresponds to spent water, can be considered as a valuable natural resource, if treated and reused. This Special Issue aims to address the current pressing problems of natural water resources contamination as well as wastewater treatment and reuse. Papers are invited that investigate innovative treatment options in water engineering highlighting the latest scientific understanding of involved chemical mechanisms. Topics may include studies on membrane filtration, adsorption, ion exchange, and biological processes. Moreover, papers are welcome that deal with coupled processes like membrane hybrid processes. A very important aspect is also topics related to the oxidative treatment of water or wastewaters, with particular emphasis on ozonation and advanced oxidation processes. Case studies describing real-life applications of novel technologies are also very welcome.

Assist. Prof. Dr. Ioannis Katsoyiannis
Prof. Dr. Vincenzo Torretta
Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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