



water

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Technology Innovation for Sustainable Water-Selected Papers from the 5th International Water Industry Conference 2019 (IWIC2019)

Guest Editor:

Assist. Prof. Chang Min Park
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Deadline for manuscript
submissions:

closed (31 March 2020)

Message from the Guest Editor

This Special Issue will include selected papers that were presented at the 5th International Water Industry Conference 2019 (IWIC2019) (<http://www.waterindustry.kr/>), which was held in Daegu, Korea from 3 to 6 September, 2019. The Special Issue deals with a longstanding agenda with respect to clean, safe, and sustainable water supply, as well as the latest research trends in the fields of water research. Subtopics to be covered are as follows:

- Microplastics in the environment: occurrence, detection, and removal
- Advanced technologies for sustainability in a changing environment
- Biological aspects of wastewater treatment
- Convergence technology nexus for the water industry
- Desalination and concentrate treatment
- Electrochemical and advanced oxidation processes for contaminant removal
- Electrochemical water and wastewater treatment: from lab to field
- Membrane-based water and wastewater treatment
- Resource recovery from wastewater
- Smart recycling in smart cities for smart living
- Towards energy positive sewage treatment system
- Water quality and resources management: particles and organics in the water environment



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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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