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Desalination and Water Treatment

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2017)

Message from the Guest Editor

Dear Colleagues,

This SI is designed for the publication of original research and review articles focusing on desalination technologies and processes that mitigate environmental contaminants, including reuse and recycling of municipal, agricultural and industrial wastewaters. All papers should demonstrate a high level of novelty, originality and uniqueness.

Subject areas may include, but are not limited to:

- Innovative desalination and water treatment technologies.
- Concentrate treatment, management, and recovery.
- Treatment of hydraulic fracturing flowback and produced water.
- Advanced oxidation processes.
- Photolysis and photocatalysis.
- Removal of inorganic and organic environmental contaminants of emerging concerns.
- Natural treatment systems (wetlands, riverbank filtration, aquifer recharge and recovery).
- Novel environmental analytical methods for contaminant (bio)monitoring and assessment.
- Methods for resources recovery from wastewater (nutrients, energy and valuable minerals).

Prof. Dr. Pei Xu
Guest Editor

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Editor-in-Chief

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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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