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Water Quality and Ecosystems in Times of Climate Change

Guest Editor:

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Deadline for manuscript submissions:
31 March 2019

Message from the Guest Editor

Dear Colleagues,

I would like to invite you contribute to an important Special Issue of *Water* focused on water quality and ecosystems in times of climate change. Papers in the Special Issue will focus on water quality management in ecosystems managed at the watershed scale. Ecosystem management takes an integrated approach, focusing on decisions to sustain ecosystem services. Water quality is a core ecosystem service from such watersheds. A watershed is a reasonable and effective scale for implementing ecosystem management. Land uses within a watershed often conflict in their delivery of ecosystem services. Ecosystem management attempts to bring together representative stakeholders to select future ecosystem services for which the watershed will be managed. The discussion with stakeholders requires consideration of trade-offs, requiring stakeholders to make sacrifices for the greater good. Inherent in such a consideration are several concerns. Ecosystem management requires careful consideration of the ways managers find representative stakeholders, consider how future climate conditions will influence or control water quality and how uncertainty will control our ability to manage for the future. Papers in this Special Issue will advance our understanding of decisions to be made and actions to be taken in the near term (e.g., five years) that will best prepare water quality and watershed managers for conditions that will occur in 2050.

Prof. Dr. Jim Perry
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Editor-in-Chief

Prof. Dr. Arjen Y. Hoekstra
Twente Water Centre, University of Twente, Enschede, The Netherlands

Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world's water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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CiteScore 2017 (Scopus): **2.29**, which equals rank 37/191 (Q1) in the category 'Water Science and Technology' and 43/199 (Q1) in 'Aquatic Science'.

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