



Green and Low Carbon Development of Water Treatment Technology

Guest Editors:

Dr. Peng Zhao

School of Environment Science
and Engineering, Tianjin
University, Tianjin, China

Dr. Sen Peng

School of Environmental Science
and Engineering, Tianjin
University, Tianjin 300350, China

Dr. Weigao Zhao

School of Environmental Science
and Technology, Tianjin
University, Tianjin 300350, China

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Message from the Guest Editors

Effective water treatment technology is the key to water safety and human health. Access to safe drinking water for all people and improved water quality and wastewater management by 2030 are two of the United Nations Sustainable Development Goals (SDG). Green and low-carbon technologies refers to the technologies that achieve satisfactory treatment effect under the condition of low carbon emissions and less pollutants generation. These technologies are considered essential to achieve SDG, so it is needed to follow the recent trends of water treatment technology. In this Special Issue, we seek the interactions between green and low-carbon development and water treatment technology.

Topics of this Special Issue we are looking forward to include (but are not limited to):

- New ways of water and wastewater treatment technologies;
- Green and low-carbon development strategies ;
- Water environment simulation models ;
- Environmental micro interface reactions.

By focusing on novel results of this topics, this Special Edition will provide a series of studies on water treatment technologies.

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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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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Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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