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Water and Wastewater Management under a Climate Change

Guest Editors:

Prof. Katarzyna Glińska-Lewczuk

Prof. Dr. Krzysztof Józwiakowski

Prof. Dr. Mirosław Wiatkowski

Deadline for manuscript submissions:

closed (31 July 2021)

Message from the Guest Editors

We all have been observing a growing demand for more knowledge-based actions on water quality and quantity change due to the substantial impact of the changing climate on environment and human interests. There is a common agreement that climate change affects hydrological, ecological, and socioeconomic regimes. It is estimated that climate change has a dual effect on the functioning of wastewater treatment plants (WWTP). The processes occurring in WWTP will be subsequently affected by climate change; more extreme weather events and earlier snowmelt runoff will lead to more untreated wastewater, increased flooding, etc. Due to the increased scarcity of water resources, the efficiency of wastewater treatment, and wastewater reuse, will become a priority as climate change accelerates. Thus, water and waste water management has become a key area, both for research and practice.

The purpose of this Special Issue of *Water* is to present innovative studies on the effects of climate change on



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Special issue



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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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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