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More Holistic and Adaptive Decisions to Mitigate Climate Change Effects in Agricultural Water Resources Management

Guest Editor:

Dr. Nektarios N. Kourgialas

Water Resources, Irrigation & Environmental Geoinformatics Lab, Institute for Olive Tree, Subtropical Plants and Viticulture, Directorate General of Agricultural Research, Hellenic Agricultural Organization "DIMITRA", 73100 Chania, Greece

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closed (25 May 2024)

Message from the Guest Editor

Dear Colleagues,

Climate change affects many different components of our daily lives, putting pressure on our health and ability to grow food. Conditions such as rising sea levels and saltwater intrusion into coastal agricultural areas, prolonged droughts, or severe flooding have progressed to the point where entire communities have had to relocate and lose their farmland, putting people at risk of starvation. In the future, the number of climate refugees as well as the abandonment of agricultural land due to the effects of climate change on water resources will certainly increase.

This Special Issue seeks holistic and innovative planning as well as adaptive examples of how to address these challenges. The aim is to bring together cases of applied original research in managing the challenges posed by climate change to agricultural water resources in terms of both quantity and quality.[...]

For further reading, please follow the link to the Special Issue Website at:

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Special Issue



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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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