

Special Issue

Advances in Climate Change and the Water–Energy–Food Nexus

Message from the Guest Editors

The changes in climate conditions on spatial scales from the local to the regional and global over the last 100 to 150 years are a well-established fact. This has raised concern not only with regard to possible mitigation of these causes, but also for possible and necessary adaptation strategies to minimize the adverse impacts of these changes on human societies and nature. The impacts of climate change pose significant risks to water, energy, and food security in many parts of the globe. Addressing these risks requires a holistic nexus approach in order to understand the mutual feedbacks and dependencies between these sectors. Developing adequate adaptation strategies to climate change by taking these risks into account requires the co-creation of knowledge needed to deliver water, energy, and food for all in a sustainable and equitable way. This Special Issue aims to provide an overview of these complex issues by presenting a collection of articles that address various aspects of the water–energy–food nexus in light of adaptation to ongoing and future climate change.

Guest Editors

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Dr. Pamela Giselle Katic

Prof. Dr. Jianguo Qi

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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