Special Issue

Impacts of Climate Change on Water Resources

Message from the Guest Editor

Water is essential for life. Climate change can alter the balance between the different components of the hydrological cycle, being one of the main challenges facing humanity in the 21st century, particularly through its impacts on water resources. This Special Issue offers an opportunity to publish papers related to the impacts of climate change on water resources. Papers on observed and projected changes during the 21th century in the different components on the hydrological cycle affecting water resources (precipitation, evapotranspiration, streamflow, soil moisture, etc.) are welcome from different spatial scales and methodological approaches (statistical, physical, GCMs, downscaling, hydrological modeling, etc.), including extreme events studies as drought or examine changes between the coupling between the water cycle components. Papers dealing with the climate change implications in topics, such as water management or hydroenergy, are also of interest.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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