



## Hydrological Responses to Climate Change

Guest Editor:

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Dear Colleagues,

Climate change is becoming an increasingly rigorous environmental stressor. Recent studies indicate that there has been continuous warming throughout the 21<sup>st</sup> century, with concurrent changes in precipitation, evapotranspiration (ET), wind, and many other hydrologic components. The overall results of climate changes are complex, and may significantly modify the spatial and temporal distribution of hydrologic processes.

Changes in hydrologic processes can potentially alter the ecosystem. However, few attempts have been made to study the integrity of the entire surface–subsurface water system under the pressure of climate change. A holistic picture is still missing for the future water resource distribution in space and time, considering the interaction in the system and the consequent sustainability of local ecosystems.

The focus of this Special Issue is the current state of knowledge on climate change impacts on hydrology. New research papers, reviews, case reports and conference papers are welcome. Papers with insights into extreme hydroclimatic events under climate change are also encouraged.





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## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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