

Special Issue

Hydrological Responses to Climate Change

Message from the Guest Editor

Climate change is becoming an increasingly rigorous environmental stressor. Recent studies indicate that there has been continuous warming throughout the 21st 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.

Guest Editor

Dr. Peng Jiang

State Key Laboratory of Hydrology-Water Resources and Hydraulic Engineering, Hohai University, Nanjing 210098, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

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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. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

Editor-in-Chief

Prof. Dr. Paul R. Ward

Centre for Public Health, Equity and Human Flourishing, Torrens
University Australia, Adelaide 5000, Australia

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