



Individual and Synergistic Impacts of Climate Change on Water Quantity and Quality

Guest Editor:

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Message from the Guest Editor

This Special Issue seeks to collect recent research progress from a diverse multi-disciplinary group of water scientists to disseminate and share cutting-edge findings and solutions aimed at evaluating impacts of climate change on water resources. Here, the terms quantity and quality are used in their broadest sense to reflect their multidimensional nature across a broad range of topics. Examples of topics include but are not related to occurrence and duration of extreme hydro-climate conditions at various temporal and spatial scales; water quality assessment and monitoring under the climate change context; methodological innovations on the analysis of variability and complexity of water quality parameters and streamflow regime, contaminants of emerging concerns under future changing climate; and adaptation of climate change aimed for sustainable water quantity and quality management via design and implementation of water infrastructure, programs and policies. Research approaches, including literature review, monitoring, assessment, modeling, forecasting, experimentation, and statistical and big data analytics are all welcome.





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