



Hydroclimate in a Changing World: Recent Trends, Current Progress and Future Directions (2nd Edition)

Guest Editor:

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Message from the Guest Editor

Global warming is imposing tremendous challenges upon human lives and other lives on Earth, and people are working hard to find the causes and ways to adapt. We had a successful Special Issue on this topic last year, entitled “Hydroclimate in a Changing World: Recent Trends, Current Progress and Future Directions”. However, more research results are waiting to be published, so we decided to run a second Special Issue on this topic. We sincerely welcome your contribution.

This Special Issue serves as a convenient platform for the community to document and discuss the hydroclimate response of global warming. Topics include, but are not limited to:

- Diagnoses and forecasts of recent and future hydroclimatic extremes;
- Hydroclimate dynamics;
- Hydroclimate variability;
- Food and water security under a changing climate;
- Drought and flood under a changing climate.

Your participation is highly appreciated.





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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!

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