

## Special Issue

# Climate and Weather Extremes and Their Impacts on Water Resources and Agriculture in Asia

### Message from the Guest Editors

This Issue encourages articles that discuss regional (Asia) analysis of climate-change-induced extreme weather events and their impacts on the socio-economic sectors—particularly on water resources and agriculture. Contributions to model simulations and evaluations to advance the understanding of physics and dynamics associated with climate-change-related weather hazards will also be considered. Submissions in, but not limited to, the following research areas are invited:

- climate variability and climate change,
- climate modeling,
- global and regional climate models,
- climate extremes (heat waves, cold waves, flood, drought, aridity, etc.),
- trend analysis,
- statistical downscaling techniques,
- spatiotemporal mapping of hydrometeorological parameters,
- climate dynamics,
- climate change impacts,
- water resources,
- food security.

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### Guest Editors

Dr. Safi Ullah

Dr. Waheed Ullah

Dr. Adnan Abbas

Dr. Asher Samuel Bhatti

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### Deadline for manuscript submissions

closed (31 December 2023)



## Atmosphere

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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!

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### Editor-in-Chief

Dr. Daniele Contini

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#### Journal Rank:

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