



climate



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Water and Environment Challenges under a Changing Climate in the High-Mountainous Regions of the World

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Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editors

We are pleased to announce a special issue focused on transdisciplinary climate–environmental research on the southern side of the Himalaya Mountains. The southern Himalayan slopes contain the largest and highest glaciers in the world and act as “water towers” in the regional hydrological cycle. Nonetheless, high-altitude regions are particularly vulnerable to climate variability and human disturbances. The issues surrounding long-term resource management and reduction of water-related vulnerability are complex and usually involve a mixture of natural sciences (geology, hydrology, ecology, etc.), applied sciences (natural resource management), and social dimensions (politics, economics, culture, etc.). Solving these multifaceted problems presents a challenge to governments, while researchers often tend to focus on single, discipline-related components at the expense of a holistic, systems-related understanding. By drawing expert knowledge from a variety of disciplines, this issue will showcase a unique approach to water, environment, and economic challenges in the face of climate change.

We invite you to consider submitting a manuscript to this issue.



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Special Issue