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## The Role of Snow in High-Mountain Hydrologic Cycle

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (15 October 2023)**

### Message from the Guest Editor

In High-Altitude Mountains (HAM), snow plays a vital role in water resources and the climate system. However, the observation and modeling of snow in HAM is still insufficient, limiting the understanding of snow's role in the HAM hydrologic cycle. Considering this challenge, we call for articles on the following topics: (1) field investigation into snow events and snow hydrologic parameters, such as the snow status, precipitation, snow ablation, blowing snow, and avalanche in the HAM area. (2) Optical and microwave remote sensing of snow cover under complex terrain conditions in mountainous regions. (3) Development of snow hydrological models and snow parameterization schemes in high-altitude mountainous areas. (4) Responses of snow water resources to climate change in the HAM areas and its impact on the environment and society.



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## Message from the Editor-in-Chief

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