



Advances in Meteorology

Special Issue on
**Hydrometeorological Observation and Study in
High Altitude Area**

CALL FOR PAPERS

The cryosphere, in high altitude area, plays a major role in the earth's system through its impact on the surface energy budget, sea level change, water cycle, primary productivity, and surface gas exchange and is thus a fundamental control on physical, biological, and social environment over substantial areas of the earth's surface. Knowledge and understanding of all the components of the cryosphere have substantially improved our understanding of the specific processes and their impact on climate, hydrology, and economy.

We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to improve the technology of hydrometeorological observation by different means in high altitude area, the water-heat process in glaciers, snow, or permafrost, the understanding on water cycle in high altitude area, the climate change in high altitude area, the impact of climate change on hydrological process, and water resource in high altitude areas.

Potential topics include, but are not limited to:

- ▶ Recent developments in in situ hydrometeorological observation technology
- ▶ Advances in hydrometeorological observation from remote sensing data
- ▶ Runoff components separation by isotope and water chemistry
- ▶ Simulation on hydrological process in high altitude areas
- ▶ Climate change on high altitude areas
- ▶ Impact of climate change on hydrological process in high altitude areas

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/amete/hial/>.

Lead Guest Editor

Yongjian Ding, Chinese Academy of Sciences, Lanzhou, China
dyj@lzb.ac.cn

Guest Editors

Daqing Yang, National Hydrology Research Centre, SK, Canada
daqing.yang@gmail.com

Fengjing Liu, Lincoln University, MO, USA
liuf@lincolnu.edu

Chansheng He, Western Michigan University, MI, USA
chansheng.he@wmich.edu

Shiqiang Zhang, Northwest University, Xi'an, China
zhangsq@lzb.ac.cn

Svetlana Stuefer, University of Alaska, Fairbanks, USA
sveta.stuefer@alaska.edu

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