



Advances in Meteorology

Special Issue on

Migration of Drought: From Meteorological Drought to Hydrological and Agricultural Drought

CALL FOR PAPERS

Drought is a natural hazard that may occur everywhere in the world (both in high and in low rainfall areas). To fight against drought and mitigate the impacts of major droughts, it is important to distinguish between different types of drought, to understand how drought propagates from one area to another, and to know how human activities affect the linkage of droughts. Besides conventional ground-based hydrometeorological observations, many advanced nonconventional techniques or methods are available now for investigating drought mitigation, such as remote sensing techniques, water accounting methods, and distributed hydrological modeling. Based on those scientific knowledge and methods, we can improve our capability of drought monitoring and forecasting, set up strategies for reducing the vulnerability to drought, and improve the skills of drought response.

We invite investigators to contribute original research articles that will stimulate the continuing efforts to understand the drought mitigation processes from meteorological ones to hydrological and agricultural ones, characterize water transformation mechanisms in the process of drought mitigation, and reveal the factors affecting the drought mitigation.

Potential topics include, but are not limited to:

- ▶ Mechanisms of drought persistence in the climate change perspective
- ▶ Recent developments in drought monitoring techniques
- ▶ Drought modeling and prediction
- ▶ Water transformation mechanism in the process of drought mitigation
- ▶ Roles of human activities in drought mitigation
- ▶ Advances in drought modeling based on multisource information
- ▶ Strategies for reducing the vulnerability to drought
- ▶ Policy interventions including long- and short-term nonengineering approaches to combat drought

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

Lead Guest Editor

Wen Wang, Hohai University, Nanjing, China

w.wang@126.com

Guest Editors

Maurits W. Ertsen, Delft University of Technology, Delft, Netherlands

m.w.ertsen@tudelft.nl

Mark D. Svoboda, University of Nebraska-Lincoln, Lincoln, USA

msvoboda2@unl.edu

Mohsin Hafeez, Bureau of Meteorology, Brisbane, Australia

m.hafeez@bom.gov.au

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