Special Issue

Meteorological and Hydrological Droughts

Message from the Guest Editors

We are organizing this Special Issue of *Atmosphere* to help build a collection of literature to reflect the state-of-the-art knowledge and understanding about meteorological and hydrological drought. We invite innovative contributions of original research and review articles that will stimulate the efforts to advance global and regional drought research. Potential topics include but are not limited to the following:

- Characterizing drought variability in space and time;
- Understanding the physical mechanism and manifestation of drought;
- The development of innovative drought indices;
- Long-term changes in hydrological and meteorological drought;
- New approaches to detecting drought onset at regional and global scales;
- Sources of drought predictability and associated climate dynamics;
- Drought prediction at subseasonal-to-seasonal time scales;
- Probabilistic and deterministic drought recovery modeling and forecasting;
- Drought propagation between different forms of drought and between regions;
- Roles of human activities in the development of meteorological and hydrological drought;
- Diagnosis and attribution of socioeconomic drought vulnerability and risk.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2019)

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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!

Editor-in-Chief

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