

Special Issue

Environmental Footprints of Drought: Focusing on Emerging Issues and Their Underlying Mechanisms

Message from the Guest Editors

In recent decades, human activities, along with climatic variabilities, have adversely impacted socioeconomic and environmental conditions, leading to a growing drought susceptibility mainly in arid and semiarid parts of the world. Droughts are associated with the dynamic nature of human–environment interactions in ecosystems, resulting in many issues and so concerted efforts are required to bring all emergent concerns and their related processes together into a unified framework to serve as a roadmap for research and management. This Issue plans to offer a look into the dynamic nature of the natural and anthropogenic factors in generating compound droughts, with the goal of understanding the climate system's vulnerability, underlying effects of droughts, exposure, and sensitivity of the system. Scientists/researchers are encouraged to introduce ideas and concepts related to droughts, their classifications, assessment, relationships with large-scale climate patterns, and complex land–atmosphere feedback mechanisms by incorporating various data sources.

Guest Editors

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Deadline for manuscript submissions

closed (7 April 2023)



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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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