Special Issue

Drought Monitoring, Prediction and Impacts (2nd Edition)

Message from the Guest Editor

The purpose of this Special Issue is to assemble cutting-edge research contributions from the global scientific community, fostering collaboration and knowledge exchange in the field of drought monitoring, simulation, and prediction. By disseminating innovative approaches and methodologies, this Special Issue aims to enhance the accuracy of drought prediction, support sustainable water resource management, and contribute to the development of effective strategies to mitigate the adverse impacts of droughts on society and the environment. We encourage researchers to submit original research articles, reviews, and case studies to this Special Issue.

This Special Issue seeks high-quality research papers that cover a broad spectrum of topics related to drought monitoring, simulation, and prediction. Potential areas of interest include remote sensing and monitoring, climate models and simulation, data assimilation and fusion, drought prediction and early warning systems, hydrological and agricultural impacts, adaptation and mitigation strategies, uncertainty, and risk assessment.

Guest Editor

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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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