Recent Advances in Drought Risk Assessment, Monitoring, and Forecasting

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Message from the Guest Editor

Dear Colleagues,

Droughts are very common phenomena which impose serious challenges to ecosystems and human societies. They occur in all types of climate circumstances. However, their characteristics vary considerably from one region to another.

To properly plan and manage water resources, it is important to accurately and timely forecast drought events. Hence, this Special Issue welcomes presentations of significant advancements in drought monitoring and prediction capabilities on regional and global scales. The studies can be based on known drought indicators or new ones. Particularly, the incorporation of machine learning tools and approaches that can improve existing drought forecasts is encouraged.

We also welcome research on exploring the link from multiple information sources, including satellite-based vegetation conditions and evapotranspiration to investigate current or future drought impacts on water resources.

Special Issue

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Message from the Editor-in-Chief

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