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Precipitation and Evapotranspiration Mechanisms in Drylands and Their Remote Sensing Retrieval & Simulation (Second Edition)

Guest Editors:

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Deadline for manuscript submissions:
30 September 2024

Message from the Guest Editors

This Special Issue invites contributions dealing with the retrieval of precipitation and evapotranspiration data on different spatial and temporal scales, monitoring their dynamics, exploring the mechanisms of precipitation and evapotranspiration, and improving simulation accuracy based on the integrated use of remotely sensed data and in situ measurements. Articles may address, but are not limited to, the following topics:

- Retrieval of precipitation;
- Estimation of evapotranspiration;
- Evapotranspiration regulation mechanisms;
- Validation of precipitation and evapotranspiration models;
- Characterization of precipitation properties;
- The impact of climate change on precipitation and evapotranspiration;
- Spatial and temporal characteristics of evapotranspiration;
- Precipitation mechanism;
- Numerical simulation of precipitation and evapotranspiration;
- Land–atmosphere interaction;
- Drought and flood assessment and monitoring.

This Special Issue is the second edition of the Special Issue, "Precipitation and Evapotranspiration Mechanisms in Drylands and Their Remote Sensing Retrieval & Simulation".

mdpi.com/si/188881

Special Issue

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Message from the Editor-in-Chief

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