



Advances in the Remote Sensing of Terrestrial Evaporation

Guest Editors:

Prof. Dr. Matthew McCabe

Prof. Diego Miralles

Dr. Joshua Fisher

Dr. Thomas Holmes

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Our capacity to understand and describe the terrestrial carbon, water and energy cycles is strongly dependent on our ability to accurately reproduce the spatial and temporal dynamics of land surface evaporation. Characterizing terrestrial evaporation across multiple scales has been the focus of major research efforts for many decades, especially via the application of remote sensing approaches. Advances in Earth observation technologies, as well as the exploitation of new retrieval and sensing techniques, are providing deeper insights into this key hydrometeorological process. In this Special Issue, we seek to explore technological and methodological advances, to provide an overview of the state-of-the-art in estimating evaporation and also a perspective on outstanding challenges and issues in describing this process. Contributions that move beyond our current knowledge by examining new and emerging estimation techniques are particularly encouraged.

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Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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