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Remote Sensing and Modeling of Land Surface Water

Guest Editors:

Dr. Huan Wu

Dr. Sujay Kumar

Dr. Maoyi Huang

Dr. Sagy Cohen

Dr. Nergui Nanding

Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editors

Remote sensing and process-based modeling are two powerful and rapidly advancing technologies that are able to provide important, timely information of land surface water. We solicit high quality, original research contributions from both remote sensing and modeling work that study land surface water across a variety of spatial scales.

- Remote sensing of land surface water dynamics;
- Physical or statistical modeling of land surface water dynamics;
- New methods of integrating estimates of land surface water both from remote sensing and modeling
- Data assimilation of remote sensing and in-situ observation to improve modeling of land surface water and related critical datasets
- Ensembles and probabilistic hydrometeorological modeling and forecasting of land surface water
- Coupled hyper-resolution large-scale hydrological and meteorological modeling
- Characterization of uncertainty in retrospective and operational modeled and remotely sensed results
- Interdisciplinary and integrated model and application results from areas of remote sensing, hydrology, and meteorology

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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

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/remotesensing
remotesensing@mdpi.com
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