Special Issue

Remote Sensing Approaches to Groundwater Management and Mapping

Message from the Guest Editors

The applications of remote sensing to groundwater studies present many challenges that cover a wide variety of technical and scientific disciplines. These challenges include sensors, data fusion, data validation, models, and field investigations relevant to groundwater resource exploration, management, and associated groundwater-induced hazards. In this Special Issue, we encourage submissions that focus on addressing advanced remote sensing approaches for exploring and managing groundwater resources. This Special Issue welcomes high-quality submissions that provide the community with the most recent advancements on all aspects of remote sensing technologies and applications, including but not limited to:

- Monitoring and management of groundwater resources;
- Estimation of groundwater recharge and discharge;
- Interactions between groundwater and surface water;
- Groundwater potential mapping;
- Monitoring of groundwater storage;
- Groundwater vulnerability mapping;
- Pumping-induced land subsidence;
- Groundwater and geohazards;
- Other topics on applications of remote sensing technologies to groundwater management and mapping.

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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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