Advanced Modelling in Water Resources Using GIS and Remote Sensing Techniques

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Remote sensing data play an important role in the hydrological scientific community, mainly for overcoming and compensating for the limitations of observed data at regional and global scales. Currently, remotely-sensed data are being used in many applications related to water resources, such as rainfall, soil moisture, evapotranspiration, drought risk, water runoff-erosion modelling, groundwater, landslide, surface water inventory, and snowmelt runoff forecasts.

Papers showing novel and/or relevant techniques to study water resources management or some interesting applications in all subfields of the hydrological sciences will be considered. Well-prepared review papers are also welcomed.

Topics of interest may include, but are not limited to:

- Droughts and Water availability
- Evapotranspiration estimation and Hydrologic modeling
- Land use predicting
- Snow cover and glacial lands
- Water resources management
- Groundwater mapping
- 3D mapping, Drone and high resolution images
- Classifications and applications using Drone images

Special Issue

Editor-in-Chief

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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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