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# 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



Specialsue







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# **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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