



## Remote Sensing in Hydrogeology; New Sensors, Applications, and Combined Methods

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Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editors

Dear Colleagues,

As traditional sources of surface water and shallow subsurface waters continue to be over-exploited and contaminated, climate change is altering weather patterns around the world, making water availability less predictable. It is now inescapable that new approaches are needed to supply water for drinking, sanitation, hygiene, agriculture, and industry. Understanding shifts in the water balance, including groundwater occurrence, movement, recharge, exploitation, depletion, and contamination on a large scale, and especially in under-studied regions and developing countries, is not just an intractable problem but its solution is critical for survival.

To solve this urgent dilemma, we call on researchers from around the world to contribute to this Special Issue by presenting new data, new ideas, and new ways to approach this problem.

Suggested topics include (but are not limited to) combining data from separate missions (e.g., GRACE and/or GRACE-FO, SAR and InSAR, LiDAR, LANDSAT, MODIS, Sentinel-1 and -2, IRS-LISS 3, SRTM, TRMM, GPM, GOES, POES, EOS, CALIPSO, CloudSat, SMOS, AMSR, ASCAT) with geophysical, GIS, geochemical, ground-based hydrogeological data.





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## Message from the Editor-in-Chief

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