



Remote Sensing in Natural Resource and Water Environment

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Message from the Guest Editors

The pollutants generated by humans are severely threatening the ecosystem and the environment, owing to speedy urbanization and industrialization. To address these issues, it is urgent to swiftly monitor the environmental parameters, reasonably evaluate the quality of the environment, and accurately predict the dynamics of environmental elements. The remote sensing technology supplies a new perspective for hydrological monitoring, water resources ecological protection, and water resources planning and utilization owing to its fast detection capacity, wide spatial coverage, and multiple spectral characteristics. Remote sensing technology can be used to retrieve key ecological indicators such as NDVI, NDWI, and NDBI. So, it is time to dive deep into the application of remote sensing technology in the fields of the environment. This Issue seeks to utilize the relevant methods of hydrological and water resources planning and management, including but not limited to remote sensing inversion simulation, experience method, and sustainable development.

