



Applications of Advanced Remote Sensing Technology for Sustainable Resource Exploration and Assessment

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Message from the Guest Editors

Sustainable resources, such as productive agriculture, clean water resources, healthy marine ecosystems, abundant forest area, clean energy, and so on are drawing cumulative international attention. Assessment and exploration of sustainable resources will drive discoveries and lay the foundation to achieve related Sustainable Development Goals which are proposed by the United Nations and have the aim of solving critical issues mankind faces and achieving sustainability on the Earth. Remote sensing has improved dramatically over the past few decades. By providing large amount of observation data from planes, satellites, and even moon base in the near future, it can serve as a key technology to assess, explore and manage sustainable resources. This special issue welcome original studies on data products, methodologies, simulating models, policy-making support of sustainable resources. Related topics include, but not limited to, agriculture development, evapotranspiration, water protection, snow and glacier change, marine and coastal environment, pollution detection, carbon cycle, energy balance, land use, forest area, and wind and solar energy, among others.





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