Special Issue

Applications of Multi-Scale Remote Sensing and GIS Technology to Study Terrestrial Ecosystems

Message from the Guest Editors

The ecological environment is an important source of support for sustainable development and one of the leading global development drivers. Therefore, it is particularly critical to maintaining the global ecological balance. In recent years, the development of remote sensing and GIS technology has provided strong support for the study of ecological evolution and degradation, the long-term monitoring of its environmental effects, and fine analysis of environmental change behavior. This Special Issue aims to integrate multi-scale remote sensing and GIS technologies to monitor the quality of the ecological environment at different spatial and temporal scales and further protect terrestrial ecology. Topics include, but are not limited to, terrestrial ecosystem services (carbon, water cycles, biochemical observations, climate change, drought, fire, heatwave, flooding, etc.) as well as spatial scales (environmental and ecological dynamics at different spatial scales) and time scales (ecological evolution from the paleoenvironment to the present).

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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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