Special Issue

Advances in Remote Sensing for Forestry: Theory, Methods, Applications, and Validation

Message from the Guest Editors

Forests play an important role in ecosystem services, biodiversity, and climate change. Forests absorb atmospheric CO2 through photosynthesis and remove a huge amount of carbon every year and play an important role in the global carbon cycle and climate changes. This Special Issue mainly focuses on the new theories and methods for forest survey and monitoring, applications of remote sensing on forest ecosystem services evaluation, biodiversity monitoring, and so on, and technologies for monitoring carbon sinks in forest ecosystems and calls for papers that present original research, which include but are not limited to the following topics:

- Quantitative remote sensing for forestry;
- Carbon cycle modeling of forest ecosystem and its impacts of climate change on forests by using remote sensing;
- Method of the evaluation of the forest ecosystem services function and biodiversity monitoring by using remote sensing;
- Validation of the production of remote sensing for forest research;
- New sensor for forest resource inventory.

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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