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

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### Message from the Guest Editors

Forests play an important role in ecosystem services, biodiversity, and climate change. Forests absorb atmospheric CO<sub>2</sub> 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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# Special Issue



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