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Special Issue Reprint

Advances in Remote Sensing for Forestry

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As one of the biggest terrestrial ecosystems, forests play an important role in ecosystem services, biodiversity conservation, and climate change mitigation. They are widely acknowledged as one of the largest terrestrial carbon pools. Forests absorb atmospheric CO_2 through photosynthesis and remove a huge amount of carbon every year, and play an important role in the global carbon cycle and climate system. This Reprint on “Advances in Remote Sensing for Forestry: Theory, Methods, Applications and Validation” list several research on new theories and methods for forest survey and monitoring, applications of remote sensing on forest ecosystem services evaluation, biodiversity monitoring, and technologies for monitoring carbon sinks in forest ecosystems. It is hoped that the related works will provide valuable references for promoting the application of remote sensing technologies in forestry.

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