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Geospatial Technologies for Forests Carbon Stock Assessment in the Tropics

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Message from the Guest Editors

Forest carbon stock assessments are on the rise as countries around the world look to nature-based capital to mitigate the effects of climate change. Geospatial technology is one of the popular technologies that is commonly utilized to understand and characterize the biophysical properties of forests, including carbon, at varying spatial and temporal scales. This technology is also adopted in management prescriptions and also constitutes a tool for monitoring and enforcement. In this Special Issue, we encourage the submission of studies using both fundamental and applied technologies in the geospatial field. Submissions may cover, but should not be limited to, the development of methodologies and modelling for biomass carbon assessments, as well as changes in analysis or monitoring aspects in any ecosystem type in the tropical regions using all remote sensing platforms. Our ultimate aim in doing so is to promote knowledge and adaptation strategies for forest conservation and management, producing baselines in forest-based resources towards achieving sustainable development goals (SDG) and related climate change policies, both locally and globally.



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Special Issue



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