Special Issue

Mapping, Modeling, and Monitoring Forest Change and Carbon Dynamics

Message from the Guest Editors

Forests are disturbed and degraded due to various natural factors, such as extreme drought and precipitation, typhoons, pests, and diseases, as well as human factors, including logging and harvesting, changes in land use types, and deforestation for farming. Simultaneously, they can recover by implementing policies such as forestry management measures and forest ecosystem protection projects. Therefore, it is essential to perform precise monitoring and evaluation of the forest change process and integrate it with various methods and models to accurately estimate carbon storage in forest ecosystems. Remote sensing provides essential data for monitoring forest cover and evaluating carbon, supports the development of various algorithms and models, and plays a crucial role in global and regional forest carbon management and assessment.. This Special Issue welcomes studies about new insights, novel approaches, or findings in forest cover change detection, forest biomass, and carbon evaluation. We also welcome interdisciplinary contributions that emphasize the critical role of mapping, modeling, and monitoring forest change and carbon dynamics.

Guest Editors

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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.

Editor-in-Chief

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