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Remote Sensing Approaches to Mapping and Monitoring Forest Vegetation Conditions

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Deadline for manuscript submissions:
closed (15 May 2023)

Message from the Guest Editors

To promote an interdisciplinary approach to the subject, we invite all studies focused on remote sensing approaches to mapping, monitoring, detecting or classifying forest vegetation conditions and characteristics at different scale processes, to contribute to this Special Issue. Remote sensing and forest mapping offer a wide range of applications, and different experiments, models, methods, and analyses are welcome. We particularly encourage studies that incorporate state-of-the-art methods based on machine and deep learning advances that result in a mapping approach. Potential topics include, but are not limited to:

Vegetation monitoring and classification; Segmentation or object detection; Machine-learning or deep learning; Species identification; UAV, airborne, or satellite data; RGB, multispectral, or hyperspectral imagery; LiDAR, optical, infrared and radar; Wildfire or deforestation practices mapping; Urban forests; Agricultural forests; Submerged or underwater forests; Carbon storage; Dimensional analysis; Local, regional, and global mapping.

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Message from the Editorial Board

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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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