

Special Issue

Remote Sensing Approaches to Mapping and Monitoring Forest Vegetation Conditions

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.

Guest Editors

Prof. Dr. Lucas Prado Osco

Prof. Dr. José Marcato Junior

Prof. Dr. Wesley Nunes Gonçalves

Prof. Dr. Ana Paula Marques Ramos

Deadline for manuscript submissions

closed (15 May 2023)



Forests

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CiteScore 4.6



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About the Journal

Message from the Editor-in-Chief

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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