Special Issue

Forest Parameter Detection and Modeling Using Remote Sensing Data

Message from the Guest Editors

The aim of this Special Issue is to present the latest developments and applications of deep learning techniques for extracting and modeling forest parameters from remote sensing data. Topics include feature engineering, data augmentation, network architecture adaptation, model interpretation, and uncertainty quantification. This Special Issue will feature original research articles demonstrating the benefits and challenges of deep learning methods in solving forest parameter measurement problems. Applications include deep learning for tree detection and diameter estimation, forest inventorying and planning, and structural and forest health estimation. We welcome contributions introducing novel and innovative deep learning approaches to forest parameter detection and tree modeling and reviewing the current state and future prospects of deep learning for forestry. Papers

Guest Editors

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Deadline for manuscript submissions

closed (28 October 2024)

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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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