Special Issue

Forest Parameter Extraction and Ecological Applications with UAV-Based Remote Sensing Techniques

Message from the Guest Editors

This Special Issue aims to provide a platform for researchers and practitioners to showcase the latest advances in forest parameter extraction and ecological applications using UAV-acquired data, and works on the integration of deep learning techniques in processing UAV-acquired data are the most encouraged. The scope of this Special Issue includes, but not limited to:

- Automated extraction of individual and stand-level parameters from UAV-acquired data;
- Integration of optical and LiDAR data for improved forest parameter estimation;
- Methods for handling large-scale and complex UAV datasets;
- Assessment of the accuracy and uncertainty of deep learning-based forest parameter estimates;
- Applications of deep learning in precision forestry, forest management, and ecosystem services;
- Novel deep learning architectures for forest segmentation and classification.

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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.

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