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Satellite-Based Forest Structure Mapping

Guest Editors:

Dr. Peter T. Wolter

Assistant Professor, Department of Natural Resource Ecology and Management, Iowa State University, Ames, IA 50011, USA

Prof. Philip Townsend

Department of Forest and Wildlife Ecology, University of Wisconsin-Madison, Madison, WI 53706, USA

Deadline for manuscript submissions:
closed (15 June 2022)

Message from the Guest Editors

Burgeoning stressors on Earth's forest ecosystems imposed by changing climate, population growth, and exotic insects and pathogens challenge us to develop novel, satellite-based solutions to our planet's most vexing adaptation problems. Hence, this Special Issue welcomes articles dedicated to the advancement of satellite-based sensor systems, methodologies, and solutions that improve, expand, or automate forest structure, status, and health monitoring efforts.

Potential topics for this Special Issue include, but are not limited to, the following:

- Pre-visual detection, identification, and assessment of biotic and abiotic forest stressors;
- Forest productivity and ecosystem dynamics;
- Response of forest ecosystems to climate change;
- Vertically intelligent forest structure and moisture status assessment;
- Novel data fusion analyses for forest dynamics monitoring and modeling;
- Regional fire risk monitoring and modeling;
- Cloud-based forest structure mapping.



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Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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