



Remote Sensing of Forest Disturbance and Recovery

Guest Editors:

Dr. Carlos Alberto Silva

Dr. Eben N. Broadbent

Dr. Rubén Valbuena

Prof. Dr. Carine Klauberg

Dr. Adrián Cardil

Dr. Danilo Roberti Alves de Almeida

Deadline for manuscript
submissions:
closed (31 August 2021)

Message from the Guest Editors

The purpose of this Special Issue is to gather state-of-the-art remote sensing technologies for forest disturbance and recovery detection and monitoring. Review papers and research contributions are encouraged. In particular, contributions covering the following subtopics are welcome:

- Forest disturbance and recovery detection using passive and active remote sensing data, such as Landsat 8 OLI, Sentinel 2A, and LiDAR.
- Time series analysis for forest disturbance and recovery detection on multiple scales.
- Machine learning and deep learning approaches for detecting, modelling, and mapping forest disturbance and recovery.
- Developments of new algorithms and tools for forest disturbance and recovery analysis.
- Fusion approaches and synergies among platforms (airborne, terrestrial, and spaceborne) for forest disturbance and recovery mapping.
- Application of GEDI and ICESat-2 and future NISAR missions for forest disturbance and recovery assessment.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank: JCR - Q1 (Forestry) / CiteScore - Q1 (Forestry)

Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/forests
forests@mdpi.com
X@Forests_MDPI