



forests

an Open Access Journal by MDPI



Impact of Disturbance on Forest Regeneration and Recruitment

Guest Editor:

Prof. Dr. Jordan M. Marshall
Department of Biology, Purdue
University Fort Wayne, Fort
Wayne, IN 46805, USA

Deadline for manuscript
submissions:

25 August 2024

Message from the Guest Editor

The processes of regeneration and recruitment are necessary to sustain current forest tree populations and expand those populations over time. Dependent on the species and ecosystem, disturbance can have essential roles in facilitating or inhibiting regeneration and recruitment. Additionally, the intensity, scale, and frequency of the disturbance can be involved in maintaining forest community composition or influencing successional trajectories. There is a need to understand the complex interactions between anthropogenic and natural disturbances, artificial and natural regeneration, and initial and advanced regeneration. Subsequent recruitment into larger-size classes will also be influenced by the stand age structure, whether they are even- to uneven-aged, whether they are single- to multi-cohort stands, as well as gap formation and other release events. This Special Issue focuses on the impact of disturbance on forest regeneration and the subsequent recruitment of trees leading to future forest development, stand dynamics, and succession.



mdpi.com/si/190215

Special Issue



forests



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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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