forests

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.4

Impacts of Complex Forest Structures on Tree Regeneration

Guest Editor:

Dr. Mike A. Battaglia
USDA Forest Service, Rocky Mountain Research Station, 240 West Prospect Road, Fort Collins, CO 80526, USA

Deadline for manuscript submissions:
closed (31 March 2020)

Message from the Guest Editor

Variability in forest structures results in changes in understory light environments, moisture and nutrient availability, and temperature. Each of these abiotic factors influences the success of tree regeneration, both in density and species composition. Understanding the dynamics of seedling establishment and growth in relation to overstory structure is an important first step in the management of these complex forest structures.

This Special Issue of *Forests* is focused on the effect that complex forest structure has on the establishment and growth of tree regeneration. Research articles should focus on the establishment and/or growth of tree seedlings in response to natural or anthropogenic disturbances that create forests with horizontal and vertical complexity. Studies that describe silvicultural techniques to facilitate tree regeneration in uneven-aged systems and/or quantify the abiotic conditions created by complex forest structure and describe the mechanisms related to successful regeneration are encouraged.

forests

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.4

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