Modelling and Managing the Dynamics of Pine Forests

Guest Editors:

Prof. Dr. Teresa Fidalgo Fonseca

Dr. Gurveen Arora

Prof. Dr. Peter Spathelf

Dr. Xiongqing Zhang

Dr. Tadesse Wubalem

Deadline for manuscript submissions:
closed (31 October 2021)

Message from the Guest Editors

Dear Colleagues,

Pine forests are widely represented around the world, and play important ecological and economic roles. Climate change might affect pine forest dynamics and the management of these forests. Additionally, changing policies and the diversification of primary uses (sawmill, pellets, panels, pulp and paper, among others) lead to different silvicultural regimes. With this Special Issue, researchers are invited to present the results of their studies on the dynamics of pine forests (regeneration, growth, and mortality), on statistical models which describe those dynamics, or on the silvicultural guidelines for distinct management purposes (timber, biomass, energy, carbon). The submitted papers can focus on factors which influence the natural regeneration process failures such as water stress, soil degradation after fire, and site factors. Papers about the dynamics of seedling growth, tree or stand development, or mortality associated with tree competition or driven by external factors are also welcome.

This special issue is sponsored by IUFRO research unit 1.01.10 - Ecology and silviculture of pine.

Dr. Teresa Fonseca
Guest Editor

mdpi.com/si/50721

Special Issue

forests

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