

Special Issue

Operations Research and Optimisation Techniques in Forest Management and Operations

Message from the Guest Editors

Dear colleagues, The focus of this Special Issue of *Forests* is on OR techniques in forest management and operations. Research articles may focus on any application of mathematical models and decision support tools for the optimization of one or more components of forest planning and operations, including decisions at strategic, tactical, and operational planning levels. Topics can include but are not limited to harvest scheduling in even and un-even forests to meet production and ecological objectives, forest planning under uncertainty (e.g., pests, fire), supply chain optimization including economic, social, and environmental objectives, optimized network design including the optimal location of timber and biomass facilities, and optimized harvesting and transport logistics. Solution techniques may include, among others, linear and nonlinear programming, mixed-integer programming, stochastic programming, multi-objective and goal programming, dynamic programming, network programming, heuristics, metaheuristics, and simulation models. *Co-*

Guest Editors

Prof. Dr. Mauricio Acuna

Natural Resources Institute Finland (Luke), Joensuu, Finland

Prof. Dr. John Sessions

College of Forestry, 336 Peavy Hall Science Complex, Oregon State University, Corvallis, OR 97331, USA

Prof. Dr. Andres Weintraub

Department of Industrial Engineering, Universidad de Chile, Beauchef 851, Santiago, Chile

Deadline for manuscript submissions

closed (31 January 2022)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.4



mdpi.com/si/58071

Forests

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

forests@mdpi.com

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.4



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



About the Journal

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.

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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).