



New Challenges in Framework for Forest Fire Control

Guest Editor:

Prof. Dr. Xiangwen Deng

National Engineering Laboratory
for Applied Technology of
Forestry & Ecology in South
China, Central South University of
Forestry & Technology, Changsha
410004, China

Deadline for manuscript
submissions:

closed (10 December 2022)

Message from the Guest Editor

Dear colleagues,

Forest fuel is the material basis of forest combustion. In different forest ecosystems, the species, quantity and distribution of forest fuel directly determine the characteristics of forest fire behavior, such as fire spreading speed and fire intensity. The amount of fuel loading and water content in a forest directly affect the degree of forest fire. Therefore, relevant research on the fuel loading, water content, and distribution of fuel in different forest ecosystems can provide an important theoretical basis for the prevention and fighting of forest fires and is of a great significance to reduce harm from forest fires.

Keywords:

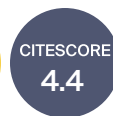
- forest combustible
- fuel loading
- stand factors
- forest ecosystem

Prof. Dr. Xiangwen Deng
Guest Editor





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/forests
forests@mdpi.com
[X@Forests_MDPI](https://twitter.com/Forests_MDPI)