



forests



an Open Access Journal by MDPI

Advances in Detection and Identification of Insect Pests and Pathogens

Guest Editors:

Prof. Dr. Tomasz Oszako

Department of Forest Protection,
Forest Research Institute in
Sękocin Stary, Braci Leśnej 3, 05-
090 Raszyn, Poland

Prof. Dr. Tadeusz Malewski

Museum and Institute of Zoology,
Polish Academy of Science, ul.
Wilcza 64, 00-679 Warszawa,
Poland

Dr. Piotr Borowik

Faculty of Physics, Warsaw
University of Technology, ul.
Koszykowa 75, 00-662 Warszawa,
Poland

Deadline for manuscript
submissions:

11 September 2024

Message from the Guest Editors

This Special Issue of *Forests* welcomes research related to pest and pathogen detection. This includes optical methods, such as the detection of disease patterns on leaves/needles, as well as methods that use resistographs to drill into tree trunks, and non-invasive methods that use the speed of propagation of sound (picus tomograph). In addition, genetic methods such as for example next generation sequencing (NGS) technology are welcome. Research that includes application of electronic noses and electronic tongues are encouraged to be included, too. Furthermore, the articles on detecting bacteria based on taste (the nose detects volatile metabolites) will be more than welcome as they describe advances in detecting liquid metabolites in soil, such as in nurseries for early detection, which is very effective in controlling emerging diseases. Other methods, which fall under the main topic, are also allowed. Review articles are also welcome.



mdpi.com/si/134585

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