

Special Issue

Advances in Detection and Identification of Insect Pests and Pathogens

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.

Guest Editors

Prof. Dr. Tomasz Oszako

Prof. Dr. Tadeusz Malewski

Dr. Piotr Borowik

Deadline for manuscript submissions

closed (31 March 2025)



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Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

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