



Forest Resistance to Complex Actions of Insects and Pathogens

Guest Editors:

Prof. Dr. Valentyna Meshkova

Department of Entomology,
Phytopathology and Physiology,
Ukrainian Research Institute of
Forestry and Forest Melioration,
Kharkiv, Ukraine

Prof. Dr. Jaroslav Holuša

Faculty of Forestry and Wood
Sciences, Czech University of Life
Sciences Prague, 16501 Praha,
Czech Republic

Dr. Mihai-Leonard Duduman

Forestry Faculty, "Stefan cel
Mare" University of Suceava,
Universității Street 13, 720229
Suceava, Romania

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Message from the Guest Editors

Each phytophagous insect may be considered a pest in one stand or region but not a pest in another. It depends on the climate; the tree species composition and canopy structure; and the phenological asynchrony between herbivorous insects, host trees, and entomophages. A forest's resistance to insects and pathogens also depends on the genetic traits and initial health condition of the trees within it, as well as their responses to other natural and anthropogenic disturbances. This Special Issue welcomes novel research focused on various aspects of pest–forest interactions, host tree and forest stand resistance, and tolerance to insect or pathogen damage.

Potential topics include, but are not limited to, the following:

- Physical, chemical, constitutive, and inducible tree defenses;
- Host and habitat preferences;
- Resistance of tree clones and hybrids;
- Phenological resistance;
- The role of tree resistance in pest invasions and tree introductions.





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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

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Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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