



an Open Access Journal by MDPI

# **Biological Control in Forests Protection**

Guest Editors:

#### Prof. Dr. Justyna A. Nowakowska

Institute of Biological Sciences, Faculty of Biology and Environmental Sciences, Cardinal Stefan Wyszynski University in Warsaw, Wóycickiego 1/3 Street, 01-938 Warsaw, Poland

#### Dr. Lassaâd Belbahri

Laboratory of Soil Biology, Department of Biology, University of Neuchatel, 2000 Neuchatel, Switzerland

#### Prof. Dr. Tomasz Oszako

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

### Message from the Guest Editors

Biological control of forest plant material becomes an imperative in regard of EU regulations on Integrated Pest Management (IPM) requiring a search for alternative plant protection methods that are safe for humans, animals and the environment. The objective of this Special Issue in Forests is to summarize state-of-art knowledge on Forest Tree Protection by exploring biocontrol measures undertaken in biological pest and disease control, physiology and behaviour of biocontrol agents and their interaction with hosts, genetic improvement of natural enemies including genetic manipulation, environmental impact studies and the role of biocontrol methods in integrated forest protection. Original research papers and review articles in forest organisms trees related with BCA, including plant physiology approaches (from classical physiology to molecular techniques of identification and genome editing CRISPR/Cas9), are welcome.

Deadline for manuscript submissions: closed (3 June 2022)









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 crossdisciplinary, 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