# Biomonitoring with Lichens and Mosses in Forests

Guest Editors:

**Dr. Giorgio Brunialti**
TerraData Environmentrics, Spin Off Company of the University of Siena, Via Bardelloni 19, 58025 Monterotondo Marittimo, GR, Italy

**Dr. Luisa Frati**
TerraData Environmetrics, Spin-off Company of the University of Siena, 58025 Monterotondo Marittimo, Italy

Deadline for manuscript submissions:
**closed (25 February 2023)**

## Message from the Guest Editors

Lichens and bryophytes play an important role in forest ecosystem functioning. They have a role in the water cycle and forest food webs, and they increase the canopy interception of precipitations and nutrients. Several species can be considered indicators, being sensitive to air pollutants and climate change and showing an ability to accumulate trace elements. In general terms, we can identify three main reasons to monitor lichen and moss in forest ecosystems: (i) to monitor the effects of atmospheric pollution and climate change, (ii) for conservation studies related to forest management and threatened species, and (iii) to obtain information on ecosystem functioning.

In this Forests Special Issue, we encourage researchers to send contributions on the following topics:

Effects of air pollution on sensitive species or species assemblages;

Effects of forest management and fragmentation on indicator species;

Modeling functional traits and indicator species;

Environmental niche models and species conservation;

Viable populations of threatened lichen and bryophyte species;

Mapping trace elements;

Standard operating procedures and sampling design for biomonitoring programs.

Special Issue

## 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