



## Microbial Cycling of Trace Greenhouse Gases in Forest Soils

Guest Editors:

**Prof. Dr. Chih-Yu Chiu**

Biodiversity Research Centre,  
Academia Sinica, Nankang,  
Taipei 11529, Taiwan

**Dr. Yojin Shiau**

Department of Bioenvironmental  
System Engineering, National  
Taiwan University, Taipei 10617,  
Taiwan

Deadline for manuscript  
submissions:

**closed (20 February 2022)**

### Message from the Guest Editors

Dear Colleagues,

Atmospheric trace greenhouse gases, such as methane and nitrous oxide, have high global warming potentials. Forest ecosystems modulate important functions on these trace greenhouse gases, as microbial communities participate in both the production and consumption of these gases in forest soils. In particular, human activities and the changing climate might further affect the greenhouse gas emissions from forest soils. The Special Issue will present the influences and responses of soil bacterial communities in forests to global warming.





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, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/forests  
forests@mdpi.com  
X@Forests\_MDPI