



*forests*

an Open Access Journal by MDPI



## **Sustainable Forest Fertilization Strategies: Impact on Soil Quality, Ecosystem Health and Productivity**

Guest Editors:

**Dr. Saif Ullah**

**Dr. Izhar Ali**

**Dr. Nabil Ibrahim Elsheery**

**Dr. Haijun Sun**

Deadline for manuscript  
submissions:

**closed (30 April 2024)**

### **Message from the Guest Editors**

This Special Issue on the use of fertilizers for forestry soil explores the crucial role of fertilizers in sustainable forest management. This Special Issue delves into various aspects of fertilizer use in forestry, addressing specific nutrient needs for different tree species and the challenges presented by nutrient deficiencies. It also emphasizes the importance of balanced fertilization for overall forest health, strategies to reduce nutrient runoff, and exploring sustainable practices, like controlled-release fertilizers.

Therefore, this Special Issue is aimed at offering valuable insights into the complexities of nutrient management in forest ecosystems, emphasizing the need for science-based approaches that align with ecological, economic, and sustainability goals in forestry.

Potential topics include, but are not limited to:

- Nutrient management for specific tree species;
- Nutrient deficiency remediation;
- Sustainable fertilization practices;
- Fertilizer application techniques;
- Forest health and resilience.



[mdpi.com/si/183837](https://mdpi.com/si/183837)

# **Special** Issue



# forests



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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/forests](http://mdpi.com/journal/forests)  
[forests@mdpi.com](mailto:forests@mdpi.com)  
[X@Forests\\_MDPI](https://twitter.com/Forests_MDPI)