



*forests*

an Open Access Journal by MDPI



## Tree Regeneration-Soil Relationships

Guest Editor:

**Dr. Robert E. Loeb**

Biology and Forestry, The  
Pennsylvania State University—  
DuBois Campus, DuBois, PA, USA

Deadline for manuscript  
submissions:

**closed (19 September 2024)**

### Message from the Guest Editor

Little explored basic questions include relationships between the urban soil structure, which is often modified by people, and seedling populations of forest canopy tree species. How do the chemicals accumulating in soils from air pollution relate to seedling populations? How does the relatively hot urban climate effect the soil moisture natural regeneration relationship? Do soil conditions decrease the success rate of seed establishment by enhancing the success of seed consumers? Do urban soils favor the establishment of invasive species over native species? How does the soil microbial community relate to natural regeneration in the urban forest? What management techniques can urban forest stewards utilize to address urban forest soil challenges to enhance the natural regeneration of canopy trees? The Special Issue aims at covering the state of the art in urban forest natural regeneration, responses of seedlings and saplings to various urban forest soil conditions, including interactions with invasive plant species, large animal herbivory and seed predation. Research articles and review articles of relevant practices on the topics are welcome.



[mdpi.com/si/160832](https://mdpi.com/si/160832)

# Special Issue



# forests



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giacomo Alessandro Gerosa**

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

## Message from the Editor-in-Chief

*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 - Q2 (Forestry) / CiteScore - Q1 (Forestry)

## Contact Us

---

Forests Editorial Office  
MDPI, Grosspeteranlage 5  
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)