



forests



an Open Access Journal by MDPI

Biogeochemical Cycles in Forests

Guest Editors:

Prof. Dr. Hao Zhang

Institute of Subtropical
Agriculture, Chinese Academy of
Sciences, Changsha 410125,
China

Prof. Dr. Robert G. Qualls

Department of Natural Resources
and Environmental Science,
University of Nevada, Reno, NV
89557, USA

Dr. Qifeng Mo

College of Forestry and
Landscape Architecture, South
China Agricultural University,
Guangzhou 510642, China

Deadline for manuscript
submissions:

closed (20 December 2024)

Message from the Guest Editors

As the largest carbon stores and the most economical carbon absorbers on land, it is estimated that more than half of the carbon in terrestrial ecosystems is stored in forest ecosystems. Under the influence of global climate change and human interference, major elements (C, N, P, etc.) and trace metal elements (Pb, Cd, etc.) undergo biogeochemical cycle and migration process in the vegetation–water–soil system, thus realizing a variety of forest ecosystem services. In recent years, with the development of isotope, molecular biology, the geochemical cycle model and geographic information technology, the studies on forest biogeochemical cycles have made great progress. To reflect the latest research on biogeochemical cycles in forest ecosystems, we encourage studies from all fields that deal with the nutrient circle, plant stoichiometry, microbial stoichiometry, soil stoichiometry and the element cycle model from a field-to-region scale, to contribute to this Special Issue in order to enrich forest biogeochemistry theories and provide the basis for forest ecosystem management.



mdpi.com/si/167568

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

mdpi.com/journal/forests
forests@mdpi.com
X@Forests_MDPI