Special Issue

Biogeochemical Cycles of Carbon and Nitrogen in Mountain Ecosystems

Message from the Guest Editors

Mountain ecosystems, covering around one-quarter of the Earth's land surface, carry a huge supply of natural resources and ecosystem services. Biogeochemical cycling of carbon and nitrogen is closely related to the nutrient supply and ecosystem function of these mountain ecosystems. In the context of global change, with the increasing dependence of human society on mountains, there is an urgent need to explore mountain ecosystems in response to changing environments from the perspective of biogeochemical cycles. This Special Issue aims to take a broad perspective on the processes and mechanisms involved in carbon and nitrogen cycles in mountain ecosystems, such as inputs, losses, transformations, partitions, and storage of one or two elements. For this Special Issue, submissions describing studies from all related fields are welcome, including experimental studies, monitoring approaches, and simulation models, with the overall aim of promoting knowledge for the sustainable development of mountain ecosystems in the future.

Guest Editors

Prof. Dr. Yongheng Gao
Dr. Qiu'an Zhu
Dr. Jianqing Tian

Deadline for manuscript submissions

closed (30 November 2022)

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed

mdpi.com/si/90826

International Journal of Environmental Research and Public Health
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

mdpi.com/journal/ijerph

MDPI

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed

mdpi.com/journal/ijerph

MDPI

About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul R. Ward
School of Society and Culture, Adelaide University, Adelaide 5001, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)