Special Issue

Microbiodiversity Profiling as a First Step towards Better Management of Freshwater Ecosystems

Message from the Guest Editor

Despite the efforts of governments and conservation organizations to protect rivers, lakes, wetlands, and subsurface aquifers, many of them are being severely damaged by human activities. Consequently, monitoring, planning, or assessing the performance of remediation measures to guard freshwater ecosystems constitutes an urgent need and a challenge in environmental protection. Microbial communities are sensitive to all disturbances of their habitat. The recent development of new methods for estimating microbial biodiversity and function enables detecting factors responsible for shaping specific microbial community composition and role in relation to environmental factors, including those of anthropogenic origin. Keywords:

- Biodiversity
- Freshwater Ecosystems
- Microbial Communities
- NGS Sequencing
- Sustainability

Guest Editor

Dr. Agnieszka Kalwasińska

Department of Environmental Microbiology and Biotechnology, Nicolaus Copernicus University in Toruń, Toruń, Poland

Deadline for manuscript submissions

closed (20 December 2021)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/86135

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

