



Nitrogen: Too Much of a Vital Resource

Guest Editors:

Prof. Dr. Jan Willem Erisman

Louis Bolk Institute - LBI,
Driebergen, Netherlands

Dr. Enrico Dammers

TNO, Utrecht, The Netherlands

Deadline for manuscript
submissions:

closed (15 April 2021)

Message from the Guest Editors

In recent years, new techniques and models to determine the losses and its consequences have been developed, and this Special Issue brings together a wealth of new insights that help our scientific understanding and contribute to the assessment of the impacts, major processes, and potential measures to improve nitrogen sustainability.

Topics

- Understanding the N-cycle at different scales and quantification of the cascade effect of nitrogen
- Application of process understanding to improve biological nitrogen fixation, photosynthesis, nitrogen efficiencies in soil and in food production and (de)nitrification processes
- The use of satellites to quantify nitrogen pollution and deposition
- The influence of nitrogen on climate and carbon sequestration
- The effect of the coronavirus on N
- The Dutch nitrogen case





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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.

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)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)