

Special Issue

Peatland Ecosystem

Message from the Guest Editors

Peatland ecosystem functions and services have become crucial in the context of climate change and further human-induced transformation of landscapes. Sustainable strategic land use planning in peatlands is a significant input to the ecosystem-based solutions for climate change mitigation and adaptation. Integrated peatland ecosystem management should be based on comprehensive knowledge and understanding of ecosystem structure, processes, and functions. The Special Issue is inviting research focused on the theoretical background, methods, and outcomes of case studies for translating basic knowledge on peatland ecosystems into land use and ecosystem management solutions. In this Special Issue, we invite papers focusing on, but not limited to, the following topics:

- Peatlands ecosystem diversity
- Indication and modelling of the key ecosystem functions
- Water, carbon, and energy balance in peatlands ecosystems
- Socio-economic aspects of peatlands use
- Peatlands ecosystem functions and services
- Evaluating and mapping of land use impact on peatlands ecosystems
- Peatlands in the environment and climate-related policies
- Modelling/mapping land use spatiotemporal change

Guest Editors

Prof. Dr. Elena D. Lapshina

Department of Environmental Dynamics and Global Climate Change,
Yugra State University, ul. Chekhova 16, 628012 Khanty-Mansiysk,
Russia

Dr. Tatiana Minayeva

Care for Ecosystems UG, 53177 Bonn, Germany

Prof. Dr. Eeva-Stiina Tuittila

School of Forest Sciences, University of Eastern Finland, P.O. Box 111,
80100 Joensuu, Finland

Deadline for manuscript submissions

closed (30 September 2021)



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/57752

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

[mdpi.com/journal/
land](https://mdpi.com/journal/land)





Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



[mdpi.com/journal/
land](https://mdpi.com/journal/land)



About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

Prof. Dr. Christine Fürst
Department Sustainable Landscape Development, Institute for
Geosciences and Geography, University of Halle, Halle, Germany

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SSCI (Web of Science), GEOBASE, PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)