

Special Issue

Advances on Land Cover/Land Use Ontologies for Innovative Production/Utilization of Land Information

Message from the Guest Editors

The aim of this Special Issue is to encourage the science and research community to provide their inputs through innovative ideas and proposals in the development of consistent, sustainable and interoperable land cover and land use datasets using integrated approaches and implementing existing standards to support various ongoing local to global land cover and land use initiatives. We invite papers regarding, but not limited to, the following topics:

- innovative ways to define/characterize land cover/land use ontologies;
- multi-disciplinary research that investigates the intrinsic relationship between land cover and land use;
- use of new standards and new methodologies for the functional integration of earth observation data, field data, remote sensing and other ancillary information;
- automatic comparison and similarity assessment of existing different land cover ontologies using ISO standard (ISO 19144-2).LCML (Land Cover Meta Language) ;
- role, importance and use cases of land information for Sustainable Development Goals, climate action (SDG 13) and life on land (SDG 15).

Guest Editors

Dr. Antonio Di Gregorio

Dr. Matieu Henry

Chris T. Hill

Prof. John Latham

Prof. Dr. Mohammed Abed Hossain

Dr. Khalid Mahmood

et al.

Deadline for manuscript submissions

31 December 2025



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/139068

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

mdpi.com/journal/

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





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. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

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), PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank:

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