

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

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et al.

Deadline for manuscript submissions

closed (31 December 2025)



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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
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