



land



an Open Access Journal by MDPI

Dynamics of Urbanization and Ecosystem Services Provision

Guest Editors:

Dr. Luca Congedo

ISPRA - Italian Institute for
Environmental Protection and
Research, 00144 Rome, Italy

Dr. Francesca Assennato

ISPRA - Italian Institute for
Environmental Protection and
Research, 00144 Rome, Italy

Dr. Michele Munafò

ISPRA - Italian Institute for
Environmental Protection and
Research, 00144 Rome, Italy

Deadline for manuscript
submissions:

closed (25 November 2022)

Message from the Guest Editors

Modifications of the extent of an ecosystem, its capacity and function, and its capability to provide ecosystem services are influenced by settlement structures. Urban sprawl and landscape fragmentation could enhance the impact. Among urbanization processes, land consumption (the conversion from natural or agricultural surfaces to impervious surfaces) is one of the main drivers of environmental change and is assessed through the evolution of land cover and the related changes in the land condition and biophysical features of the environment, such as bioclimate and vegetation potential.

The availability of remote sensing technology allows for an effective improvement in monitoring land cover changes in order to grasp the complexity of urbanization processes, even over large areas. Furthermore, new methodologies and indicators are being used to assess the conditions/features of ecosystems (and habitats).

This Special Issue of *Land* is intended as a multidisciplinary opportunity to describe innovative methodologies based on remote sensing, and the monitoring and analysis of the relationship between urbanization and ecosystem services on the different scales.



mdpi.com/si/52278

Special Issue

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and
Geography, Department
Sustainable Landscape
Development, University of Halle,
Von-Seckendorff-Platz 4, 06120
Halle, Germany

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.

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 - Q2 (*Nature and Landscape Conservation*)

Contact Us

Land Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/land
land@mdpi.com
[X@Land_MDPI](https://twitter.com/Land_MDPI)