

Special Issue

Land Use and Management for Waste Disposal and Wastewater Treatment

Message from the Guest Editors

Globally, environmental challenges related to waste production, its management, and its occupation of land have arisen. Handling waste and introducing it into the circular economy potentially requires occupying large swathes of land, generating significant impacts on the landscape and new problems associated with land management. Furthermore, waste treatment facilities can negatively affect the environment.

This Special Issue (SI) seeks to highlight the effects of land occupation associated with waste treatment and the consequent landscape transformations, including remediation and management strategies implemented to recover landscapes and land use.

And it also focus on the disposal and treatment of waste, land degradation processes (including soil contamination from leachates), the spread of pollutants, the disruption of ecosystems, and sustainable land management.

The goal of this Special Issue is to gather together high-quality contributions that provide valuable insights into innovative strategies and integrated planning approaches of waste management, reducing the associated environmental risks, and promoting sustainable and resilient land use practices.

Guest Editors

Dr. Ana Pérez-Gimeno

Department of Agrochemistry and Environment, University Miguel Hernández of Elche, 03202 Elche, Spain

Dr. Irene Voukkali

Laboratory of Chemical Engineering and Engineering Sustainability, Faculty of Pure and Applied Sciences, Open University of Cyprus, Giannou Kranidioti 89, Latsia, Nicosia 2231, Cyprus

Deadline for manuscript submissions

31 December 2025



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/245762

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

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

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)