

Special Issue

Eco-Environmental Effects and Spatio-Temporal Evolution Characteristics of Land Use Change

Message from the Guest Editor

Understanding land use changes is crucial for environmental management, sustainable development, and policy making. It involves monitoring, mapping, and assessing the impacts of these changes on ecosystems, biodiversity, natural resources, and human societies.

The purpose of this Special Issue is to publish the latest advances in monitoring, mapping, and assessing land use changes and their consequences on ecosystems, biodiversity, natural resources, and human societies. We particularly encourage studies that leverage innovative approaches, including remote sensing, GIS, machine learning techniques, and diverse eco-environmental models. The topics of the Special Issue include, but are not limited to:

- Urbanization and Urban expansion
- Agricultural Land Use
- Forest Cover Change
- Protected Areas and Conservation
- Land Use and Climate Change
- Rural–Urban Interface
- Land Use Policy and Governance
- Land Use and Ecosystem Services
- Land Use and Water Resources
- Land Use and Food Security
- Remote Sensing and GIS Applications
- Social and Economic Dimensions
- Land Use Change and Biodiversity Loss

Guest Editor

Dr. Hui Li

School of Earth Sciences, China University of GeoSciences, Wuhan 430074, China

Deadline for manuscript submissions

closed (28 February 2026)



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

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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