

Special Issue

Land and Green Infrastructure Synergies: Advancing Ecological and Social Sustainability in Urban Environments

Message from the Guest Editors

This Special Issue examines how land systems and green infrastructure (GI) can be planned, designed, governed, and maintained in synergy to advance urban sustainability. We invite contributions that quantify and qualify the multiple benefits of GI alongside social outcomes. This Special Issue will welcome manuscripts that link the following themes:

- Multi-scalar GI planning and design: multifunctionality, connectivity, and habitat networks.
- Quantifying co-benefits and trade-offs: ecosystem services, biodiversity, heat/flood risk, water quality, and carbon.
- Equity, access, environmental justice, and community resilience: distributional impacts over time.
- Land–energy–water nexus.
- Governance, policy, regulation, financing, stewardship, and lifecycle maintenance of GI.
- Monitoring and performance metrics: remote sensing, citizen sensing, and reproducible indicators.
- GeoAI and machine learning for GI mapping, suitability, forecasting, and interpretable analytics.
- Participatory approaches: PPGIS, co-production, living labs, and practice–academia partnerships.
- Blue–green infrastructure and nature-based solutions for climate adaptation/mitigation.

Guest Editors

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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

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