Computational Design and Planning for Socio-Environmental Sustainability of Landscapes and Communities

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Deadline for manuscript submissions:
1 March 2025

Message from the Guest Editors

We are pleased to announce this Special Issue dedicated to exploring the intersection of computational design and planning with socio-environmental sustainability. This Special Issue aims to delve into innovative approaches, methodologies, and technologies that leverage computational tools to foster sustainable landscapes and communities.

We invite submissions focused on a wide range of topics, including, but not limited to, the following:

- Computational models for sustainable land use and urban planning
- Environmental impact assessment using computational tools
- Simulation and visualization of socio-environmental dynamics
- Integration of big data and AI in sustainability planning
- Participatory planning and decision support systems
- Climate change adaptation and resilience planning
- Smart cities and sustainable infrastructure design
- Ecosystem services assessment and management
- Sustainable water resource management
- Green infrastructure and urban ecology

Special Issue

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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.

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