

Special Issue

Smart Urban Planning: Digital Technologies for Spatial Design

Message from the Guest Editors

Contemporary cities are facing multifaceted challenges –ranging from rapid urbanization and climate change to social equity and resource efficiency—that necessitate forward-thinking and data-driven planning approaches. Digital technologies have emerged as vital instruments for addressing these urban complexities, and smart technologies and frameworks, such as Planning Support Science, have become central to bridging cutting-edge innovations with evidence-based decision-making for spatial design. Leveraging methods including geospatial analysis, artificial intelligence, and interactive planning tools positions researchers and practitioners to create more resilient and sustainable built environments. This Special Issue seeks original research, conceptual frameworks, review articles, and case studies that delve into the synthesis of spatial design and digital technology for smart urban planning and landscape architecture. The goal is to establish a robust body of evidence-based approaches that guide planners, designers, and researchers in harnessing innovations for long-term urban vitality in urban planning, landscape architecture, geography, and related fields.

Guest Editors

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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.

Editor-in-Chief

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