

Special Issue

Urban Planning Drives 3D City Development in Time and Space

Message from the Guest Editors

Urban development is increasingly shaped by the interplay between urban planning, real estate cadastre, and 3D city modelling. The rise of digital twin technologies and geospatial analysis has introduced new perspectives on how cities grow and transform. The expansion of cities not only transforms their horizontal footprint but also their vertical and spatial dimensions over time. As digital tools like 3D cadastral systems, GIS, and digital twins gain prominence, a more integrated approach is needed to manage urban growth, optimize land use, and ensure sustainable city development. This Special Issue aims at exploring the critical role of urban planning in shaping 3D city development over time, investigating how planning interventions influence vertical expansion, spatial efficiency, and sustainable urban transformation.

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Deadline for manuscript submissions

2 October 2026



Land

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Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/237460

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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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