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Sustainable Land-Use Dynamics and Green Infrastructure Mapping

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Deadline for manuscript submissions:

closed (5 December 2023)

Message from the Guest Editors

Dear Colleagues,

Green infrastructure (GI) is a network of natural and semi-natural areas, features and green spaces in rural and urban areas that collectively provide society sustainable healthy living environment. Satellite remote sensing technology provides a key data source for mapping such environments but is not sufficient for fully understanding them. GI also comprise vertical structures like green terraces and balconies that are not detectable by perpendicular satellite imagery which are often used to monitor GI. Consequently, no single data source is sufficient to satisfy the information needs required to map, monitor, model, and ultimately understand and manage our interaction within such urban systems.

Therefore, this Special Issue aims to disseminate conceptual and empirical research about sustainable land-use dynamics and quantitative methods in green infrastructure mapping. Also, by involving international case studies, this Special Issue will contribute to a development of a scientific methodology for sustainable urban green planning. Review papers on this topic are also welcome.



mdpi.com/si/137427

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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