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Sustainable Urbanism in the Era of Big Data: A Data-Driven Approach to Strategic Planning

Guest Editor:

Dr. Simon Elias Bibri

Department of Computer Science
and Department of Planning and
Architecture, Norwegian
University of Science and
Technology, 7491 Trondheim,
Norway

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Message from the Guest Editor

Sustainable urbanism is increasingly emphasizing the value of big data technology as a form of advanced ICT in improving and advancing sustainability.

The abundance of urban data, coupled with their analytical power, opens up new opportunities for innovative approaches to planning in sustainable cities. New sources of data coordinated with urban policy and management can be applied by following the fundamental principles of engineering science and applied science to achieve more effective solutions to the kind of wicked problems inherent in the planning of the existing models of sustainable urbanism, such as compact cities, eco-cities, green cities, environmental cities, and symbiotic cities. In addition, big data can be used as evidence base for formulating urban policies, plans, and strategies themselves, as well as for tracking their effectiveness and modeling and simulating future development projects.

This Special Issue of *Land* aims to offer a platform for enhancing research and practice in data-driven smart sustainable urbanism by bringing an informed understanding of the subject to scholars, policymakers, practitioners, and futurists.



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Special Issue

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Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and
Geography, Department
Sustainable Landscape
Development, University of Halle,
Von-Seckendorff-Platz 4, 06120
Halle, Germany

Message from the Editor-in-Chief

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Contact Us

Land Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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