



land



an Open Access Journal by MDPI

Smart Land Use Planning: New Theories, New Tools and New Practice

Guest Editors:

Prof. Dr. Walter T. De Vries

School of Engineering and Design, Department of Aerospace and Geodesy, Technical University of Munich (TUM), Arcisstrasse 21, 80333 München, Germany

Prof. Dr. Fei Li

Research Center for Environment and Health, Zhongnan University of Economics and Law, Wuhan 430073, China

Dr. Xufeng Cui

School of Business Administration, Zhongnan University of Economics and Law, Wuhan 430073, China

Deadline for manuscript submissions:

closed (31 March 2023)



mdpi.com/si/115523

Message from the Guest Editors

Dear Colleagues,

With the evolution of geographic information systems, remote sensing, data mining and other technologies, the concepts of land intelligent management, refined planning, big data analysis and intelligent monitoring have moved from theory to practice. How new technology can be used to promote smart changes in land use planning and to achieve sustainable land use has become a key issue. Future land use planning is predicted to be based on the network, with the software platform as the center, data as the element and security as the guarantee with the Internet, geographic information systems (GIS), Internet of things (IoT), artificial intelligence (AI), cloud computing and other technologies forming a diversified integrated intelligent system.

We welcome submissions on:

- New theories of smart land use planning;
- Smart land use planning and remote sensing, big data, blockchain and meta-universe and other advanced technologies;
- Challenging approaches for smart land use planning methods;
- Smart land use planning and sustainable development;
- Smart land use planning and urban governance;
- Smart land use planning experience and best practices around the world.

Special Issue

an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SSCI (Web of Science), PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q2 (*Nature and Landscape Conservation*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/land
land@mdpi.com
[X@Land_MDPI](https://twitter.com/Land_MDPI)