



Developing 3D Cadastre for Urban Land Use

Guest Editor:

Dr. Karel Janečka

Department of Geomatics,
Faculty of Applied Sciences,
University of West Bohemia,
Pilsen 306 14, Czech Republic

Deadline for manuscript
submissions:

closed (31 January 2025)

Message from the Guest Editor

Dear Colleagues,

Rapid urbanization, especially in large cities, requires efficient tools for the further development of limited urban land resources. The traditional 2D parcel-based approach is limited in terms of property rights management in highly developed areas. Therefore, the 3D cadastre is widely recognized as the sufficient solution, providing necessary tools and concepts for the administration of space above and below the land surface.

The goal of this Special Issue is to collect papers (original research articles and review papers) to provide insights into the state-of-the-art development in the domain of 3D cadastre for urban land use, and related research challenges.

This Special Issue will welcome manuscripts that link the following themes:

- 3D cadastre;
- 3D urban planning;
- 3D land use;
- The administration of RRR in space;
- International standardization in the domain of 3D cadastre in 3D urban/spatial planning;
- The role of building information modeling (BIM) in developing 3D cadastre for sustainable urban land use.

I look forward to receiving your original research articles and reviews.



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Prof. Dr. Christine Fürst

Department Sustainable
Landscape Development,
Institute for Geosciences and
Geography, University of Halle,
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Message from the Editor-in-Chief

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Land Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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