

## Special Issue

# Developing 3D Cadastre for Urban Land Use

### Message from the Guest Editor

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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### Guest Editor

Dr. Karel Janečka

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### Deadline for manuscript submissions

closed (31 January 2025)



## Land

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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.

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### Editor-in-Chief

Prof. Dr. Christine Fürst  
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