

## Special Issue

# Application Research of GIS and BIM Integration in Urban Building Planning

### Message from the Guest Editor

Geographic information systems (GIS) and building information modeling (BIM) have practical uses in urban building planning in relation to the future sustainability of the urbanized environment by respecting the whole life cycle approach. Their integration has started a new direction and has seen considerable success in addressing issues in the architecture, engineering, construction, and facility management sectors [...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/buildings/special\\_issues/GIS\\_BIM](https://www.mdpi.com/journal/buildings/special_issues/GIS_BIM)

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 November 2022)



## Buildings

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## About the Journal

### Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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### Editor-in-Chief

Prof. Dr. David Arditi

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