

Special Issue

Application of GIS, BIM and Linked Digitisations in Urban Heritage

Message from the Guest Editors

Digitisation and virtual reconstruction of urban heritage potentially connects its tangible and intangible cultural assets as a central digital repository and portal. Within this context, the intelligent digital representation of architectural heritage, archaeology, and objects allow for multiple user scenarios ranging from engineering conservation to education and knowledge extraction in addition to object visualisation. The stages for digitisation of urban heritage begin with remote sensing and data capturing technologies of terrestrial and aerial laser scanning, GPS, and digital photogrammetry. The resultant survey data is enhanced with new methods for 3D modelling of historic buildings based on geographic information systems (GIS) and building information modelling (BIM) for intelligent virtual representation of historic environments.

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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