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Integration of BIM and GIS for Built Environment Applications

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submissions:

closed (1 July 2020)

Message from the Guest Editors

Dear Colleagues,

The use of digital 3D spatial information systems is a driving force of change in the built environment process. In all stages from planning to maintenance, we need both detailed digital representations of single objects based on building information models (BIM) and more inclusive representation of whole cities and landscapes based on 3D geographic information systems (GIS). Therefore, there has recently been much focus on integrating BIM and GIS data and technologies, often denoted GeoBIM. This Special Issue aims to advance our understanding of how spatial data science and engineering can enhance our knowledge of how to integrate BIM and GIS. We welcome both submissions with a theoretical approach and more applied studies, e.g., we encourage studies about specific use cases and practical, replicable applications. Furthermore, we welcome submissions that promote the use of open standards, both by evaluating the current standards and tools in exercises such as benchmarking and by proposing extensions/improvements to the current open standards.

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Special Issue



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Message from the Editor-in-Chief

The *ISPRS International Journal of Geo-Information* invites you to submit research articles, reviews, and reports covering topics of the whole domain of geo-information. Although the journal was only founded in 2012, it has already achieved wide recognition in the scientific community. We are proud that since April 2015, our journal is indexed by the SCIE of the Web of Science. As Editor-in-Chief, I encourage you to consider *IJGI* for your scientific papers and would be pleased to welcome you as authors.

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