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3D City Modelling and Change Detection Using Remote Sensing Data

Guest Editor:

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Message from the Guest Editor

In recent years production of 3-dimensional information has received much attention in Geoinformation research and production. A large base of 3D City Models is currently in existence. Rather than producing new information from scratch when new data becomes available, taking existing information into consideration as much as possible may help to reduce cost and effort. In unchanged areas the existing information becomes more valuable when confirmed by new data. In changed situations updating the information may still be a challenge, however of a much limited extent. Research and development in the above-described sort of scenario is sought for the Special Issue on 3D Modeling and Change Detection using Remote Sensing Data. Other examples of research within the scope of the special issue might concern those where changes are found in multi-temporal 3D datasets, such as point clouds from Lidar and Photogrammetry. Furthermore, work in integrating (existing) 3D models with (new) designs in Building Information Models (BIM) will certainly be considered, as well as contributions at the application side, where 3D changes are triggering actions concerning planning, policy and management.

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Message from the Editorial Board

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