## Special Issue

# UAVs for Civil Engineering Applications

#### Message from the Guest Editor

Civil engineering projects (e.g., building construction, road construction, public works) require reliable, accurate spatial data. In many cases, the construction sites are difficult to reach or field measurements would disturb the onsite works. Although the innovation level of civil engineering projects is mostly low, there is a huge potential to improve the level of automation, using building information modeling (that requires accurate geometry as input) and digital twin models (near realtime monitoring of construction sites from the beginning). The as-built models effectively support the operational phase of the building's lifecycle and facility management. Unmanned aerial vehicles (UAVs) are cost-effective tools for carrying various sensors (cameras, laser scanners) and are able to provide point clouds in a short period of time. In particular, civil engineering design, construction or operational phases, and UAVs potentially replace traditional surveying methods.

#### **Guest Editor**

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#### Deadline for manuscript submissions

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#### Message from the Editor-in-Chief

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#### Editor-in-Chief

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