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Remote Sensing and Infrastructure Information Models: Methods, Applications and Smart Management of Infrastructure Data

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Deadline for manuscript submissions:

closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

During the last decade, different remote sensing technologies have proven their capabilities to effectively extract both geometric and semantic information from the road and railway transport infrastructures. Nowadays, they are widely used in many civil engineering applications. Alongside with the research and development on remote sensing data processing, there is an increasing need of more efficient standardization, management and interoperability of the infrastructure data. In this respect, Infrastructure Information Modeling (IIM) is slowly gaining visibility as an analogy for Building Information Modeling (BIM), that is, a data management process of an infrastructure from its design phase and during its entire life cycle.

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mdpi.com/si/49650

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