Special Issue

3D Reconstruction in Cultural Heritage Conservation Through Range-Based and Image-Based Techniques

Message from the Guest Editors

This Special Issue aims to analyse the possible uses of three-dimensional (3D) datasets for the elaboration of digital models in order to reproduce, with adequate accuracy, existing cultural heritage. Starting from a survey carried out with active or passive sensors or integrating different acquisition techniques, topics may range from Scan to H-BIM and Scan to FEM approaches for the management and analysis of CH assets, to the realisation of Digital Twin at the building and urban scale for the valorisation of existing architecture. Articles may cover, but are not limited to, the following topics:

- Scan to BIM;
- Scan to FEM;
- 3D Modelling;
- Digital Twin;
- Historical mapping at urban scales;
- G.I.S. and 3D City Model;
- Rapid mapping;
- Active and/or passive sensors;
- Multi-sensor geospatial analyses.

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Message from the Editor-in-Chief

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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