Special Issue

Technologies for Heritage Knowledge and Preservation: 3D Point Cloud Modelling, GIS, HBIM, Simulation, Immersive Experiences

Message from the Guest Editors

With the advent of remote sensing technologies, the study of architectural, archaeological and cultural heritage has witnessed a considerable reduction in the time needed to record, process and represent data compared to traditional methods. This Special Issue aims to gather original contributions on the use of digitisation, visualisation, management, analysis, and exploration technologies to support the understanding, study, conservation, and dissemination of heritage assets. Research articles, review articles, and case studies are welcome. Papers may address, but are not limited to, the following topics:

- Advances in 3D modelling approaches from 3D point cloud data
- Automation of the Scan-to-HBIM process
- Use of GIS and HBIM for heritage management and analysis
- 3D point cloud data semantic segmentation and feature recognition
- Sensor data fusion
- Simulation and non-destructive testing for heritage conservation
- Game-engine rendering immersive experiences of heritage assets

Guest Editors

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Message from the Editorial Board

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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