## Special Issue

# Big Geo-Spatial Data and Advanced 3D Modelling in GIS and Satellite

#### Message from the Guest Editors

Remote sensing has become widespread in the last decade thanks to the advancement of sensing devices. coupled with both satellites and aerial vehicles such as UAVs (unmanned aerial vehicles). They are able to generate massive datasets with a high spatial resolution, which involves many different challenges for their processing. The captured information has a marked spatial character and can change over time across different captures, requiring spatiotemporal information systems. On the other hand, the capture of a unique data type may not be sufficient, requiring multisource data fusion of heterogeneous data. Furthermore, the real world is three-dimensional, and 3D modelling describes the geometry and appearance of real scenarios, providing the user with a more accurate scene understanding. In summary, challenges are focused on techniques for storage, data mining, spatiotemporal analysis, edge computing, machine and deep learning, object detection or semantic classification, among many others. Advances in this area have a direct impact on broad fields of knowledge such as precision agriculture, ecology or territorial configuration.

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#### Deadline for manuscript submissions

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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 peerreview 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.

#### Editor-in-Chief

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