

Special Issue

Advanced Research Based on Multi-Dimensional Point Cloud Analysis

Message from the Guest Editors

Because of the evolution of data acquisition techniques together with the availability of more powerful computers and software, the use of so-called point clouds for advanced research on the geometry and spectral characteristics of objects and the object space becomes more and more generally accepted. As point clouds are generated by different data acquisition methods, such as terrestrial laser scanning, mobile mapping, multibeam, photogrammetry, etc., the application domain is also diverse. This Special Issue aims to collect and share innovative research that reflects the diversity of research based on point clouds, starting from the multi-dimensional point clouds for analyses, interpretation, improvement and more. The research domains can be, but are not limited to

- bathymetry,
- erosion,
- static and mobile laser scanning,
- mobile mapping,
- photogrammetry,
- creation of DTM and DSM,
- classification based on spectral or radiometric characteristics,
- deformation measurements, and
- other applications of point clouds.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The *ISPRS International Journal of Geo-Information* invites you to submit research articles, reviews, and reports covering topics of the whole domain of geo-information. Although the journal was only founded in 2012, it has already achieved wide recognition in the scientific community. We are proud that since April 2015, our journal is indexed by the SCIE of the Web of Science. As Editor-in-Chief, I encourage you to consider *IJGI* for your scientific papers and would be pleased to welcome you as authors.

Editor-in-Chief

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