

## Special Issue

# Upscaling AI Solutions for Large Scale Mapping Applications

### Message from the Guest Editors

Artificial Intelligence (AI) is entering all domains, with innovative solutions and results that would have been both unpredictable and unachievable just a few years ago. Geospatial AI is also growing. Recently, interesting research results have been presented for point cloud classification, object detection, feature extraction, semantic segmentation, etc. Nonetheless, the challenge remains on how to apply these methods and results to nationwide 3D data sets and how to have solutions that are reliable, replicable, and applicable to National Mapping and Cadastral Agencies (NMCA) problems. This issue is organized in collaboration with EuroSDR (<http://eurocdr.net/>), a not-for-profit organization linking NMCAs with research institutes and universities in Europe for the purpose of applied research in spatial data provision, management, and delivery. It aims to raise awareness and understanding of AI methods applied to large geodata as well as to collect ongoing research activities to boost the use of AI within the context of NMCA. It also aims to understand the impact, benefits, effect, and open issues of AI applied to large geospatial datasets.

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### Guest Editors

Prof. Dr. Fabio Remondino  
Prof. Dr. Joep Crompvoets  
Prof. Norbert Haala

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### Deadline for manuscript submissions

closed (31 December 2022)



## ISPRS International Journal of Geo- Information

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### 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.

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### Editor-in-Chief

Prof. Dr. Wolfgang Kainz

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