

Special Issue

Application of Deep Learning in Geomatics and Satellite Image Processing

Message from the Guest Editor

The field of geomatics, which includes geodesy, mapping, and remote sensing, as well as laser scanning and cartography, has seen tremendous development in recent years. With the advent of advanced technologies, such as deep learning, there has been a paradigm shift in the way data are processed and analyzed. Deep learning techniques have not only increased the accuracy and precision of geospatial data analysis but have also accelerated the decision-making process. This SI intends to address the use of deep learning in geomatics and satellite image processing in various applications and emphasizes the importance and new capabilities and processing speed in solving complex spatial problems. The application of deep learning in geomatics and satellite image processing has revolutionized the way geospatial information is acquired and analyzed. By using the power of deep learning models, researchers and industry professionals can automate the tasks that were previously time-consuming and manual. With the further development of deep learning techniques, its application in geomatics will undoubtedly further contribute to our understanding of the Earth and its complex spatial dynamics.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2025)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



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