



Deep Learning for Remote Sensing Data Analysis

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Deadline for manuscript submissions:

closed (30 May 2018)

Message from the Guest Editor

Dear Colleagues,

We passionately encourage authors to submit original research articles, case studies, and review papers from both theoretical and application-oriented perspectives on the use of deep learning for remote sensing data analysis. In more details, topics appropriate for this Special Issue include (but are not necessarily limited to):

- Deep learning for multispectral and hyperspectral image analysis.
- Deep learning for active sensors (e.g., LiDAR and SAR) data analysis.
- Multi-sensor fusion with deep learning.
- Combining multiple deep learning models.
- Supervised, unsupervised, and semisupervised deep learning.
- Deep learning for big data.
- Deep learning-based remote sensing data classification, and land-cover assessment.
- Feature extraction, feature selection, dimensionality reduction using deep learning.
- Resolution enhancement, denoising, unmixing, change detection, and time-series data analysis using deep learning

Dr. Pedram Ghamisi

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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