Special Issue

Deep Neural Networks for Hyperspectral Remote Sensing Image Processing

Message from the Guest Editors

This Special Issue aims to explore features that truly benefit hyperspectral remote sensing interpretation tasks and provides a forum for many individuals working in deep-learning-based hyperspectral image processing to report their research findings and share their experiences with the HSI community. All contributions to deep neural networks for hyperspectral remote sensing image processing are welcome to this Special Issue. Topics of interest include, but are not limited to, the following:

Deep neural networks for target detection, band selection, and classification in hyperspectral images.
Deep learning for surface parameters retrieval from thermal infrared images.
Deep feature extraction for multi-source remote sensing images.
The hybrid architecture of CNN and transformer for hyperspectral applications.
Feature fusion and learning for hyperspectral image processing.
Light-weight design of deep models.
Review/surveys of recent applications and techniques of hyperspectral images.

Guest Editors

Dr. Yulei Wang

Prof. Dr. Meiping Song

Dr. Enyu Zhao

Prof. Dr. Weiying Xie

Dr. Chunyan Yu

Prof. Dr. Caixia Gao

et al.

Deadline for manuscript submissions

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

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Message from the Editorial Board

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 peer-review 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.

Editors-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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