



Reinforcement Learning Algorithm in Remote Sensing

Guest Editors:

Prof. Dr. Yansheng Li

School of Remote Sensing and
Information Engineering, Wuhan
University, Wuhan 430079, China

Dr. Yihua Tan

School of Artificial Intelligence
and Automation, Huazhong
University of Science and
Technology, Wuhan 430074,
China

Deadline for manuscript
submissions:

closed (10 July 2023)

Message from the Guest Editors

This Special Issue aims to collect and discuss the various applications of reinforcement learning in the field of remote sensing. The Special Issue may cover but is not limited to the following topics: reinforcement learning-based network architecture searching; reinforcement learning-based remote sensing image understanding, and so forth.

Reinforcement learning theory;

Network architecture searching via reinforcement learning;

Reinforcement learning-driven remote sensing image retrieval;

Reinforcement learning-driven remote sensing image classification;

Reinforcement learning-driven remote sensing image object detection;

Reinforcement learning-driven remote sensing image object tracking;

Reinforcement learning-driven remote sensing image captioning;

Hyperspectral image compression via reinforcement learning;

Large-size remote sensing semantic segmentation via reinforcement learning.





an Open Access Journal by MDPI

Editor-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

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)