Special Issue

Deep Learning for Very-High Resolution Land-Cover Mapping

Message from the Guest Editors

Dear colleagues, In the field of remote sensing, land cover mapping has always been a popular subject, which is attributable to the fact that land cover data are essential for a multitude of applications. Thanks to their detailed resolution, very high resolution imagery is a privileged tool for studying the earth's surface, and a large number of publications on land cover mapping from such data have been published. For this Special Issue, we welcome state-of-the-art research or review papers that are focused on land cover mapping from very high resolution earth observation data, using deep learning methods and addressing topics including (but not limited to): architecture comparison; data fusion; comparison of conventional machine learning and deep learning approaches; deep learning model comprehension; explainable deep learning; weak supervision and semi-supervision; scene classification; semantic segmentation; instance segmentation; change detection; existing land cover map enrichment.

Guest Editors

Dr. Tais Grippa

Dr. Lei Ma

Dr. Claudio Persello

Dr. Arnaud Le Bris

Deadline for manuscript submissions

closed (20 December 2022)

About the Journal

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.

Editor-in-Chief

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