



Deep Learning in Space Informatics

Guest Editors:

Dr. Panagiotis Partsinevelos

School of Mineral Resources
Engineering, Technical University
of Crete, 73100 Chania, Greece

Prof. Dr. Ioannis Giannopoulos

Department of Geodesy and
Geoinformation, Technische
Universitat Wien, Vienna, Austria

Prof. Dr. Ali Mansourian

Department of Physical
Geography and Ecosystem
Science, Lund University, 221 00
Lund, Sweden

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

This Special Issue aims to cover all aspects of space informatics including geographic information systems, satellite remote sensing, unmanned aerial systems, and global navigation satellite systems in conjunction with AI including machines, deep learning, convolutional neural networks, reinforcement learning, or any other computational methodology. User studies, tools and applications, system integration proofs of concept, and review articles are welcome. Our main goal is to gather a set of articles that will demonstrate the applicability and variability of AI algorithms and especially deep learning to space-oriented purposes. Application topics may include epidemiology; human-Earth interaction; satellite data fusion; disaster management; civil protection; crowdsourcing; health; the environment; agriculture; and the ocean.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Antony Bryant

Headingley Campus, Leeds
Beckett University, Leeds LS6
3QS, UK

Message from the Editor-in-Chief

Informatics (ISSN 2227-9709) is an international, peer-reviewed, open access journal, which publishes original theoretical and empirical work on the science of informatics and its application in multiple fields. Our concept of Informatics includes technologies of information and communication as well as the biological, social, linguistic and cultural changes that initiate, accompany and complicate their development.

Informatics publishes regular research articles, reviews and short notes. There is no restriction on the length of papers, and we encourage researchers to publish their theoretical and empirical results in as much detail as possible. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [dblp](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Computer Science, Interdisciplinary Applications*) / CiteScore - Q1 (Communication)

Contact Us

Informatics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/informatics
informatics@mdpi.com
[X@InformaticsMDPI](https://twitter.com/InformaticsMDPI)