

Special Issue

Machine Learning and Deep Learning in Cultural Heritage

Message from the Guest Editors

Dear colleagues, Machine and Deep Learning (ML & DL) are two powerful tools that are transforming the face of many sectors. These subdisciplines of Artificial Intelligence (AI) prepare computers for highly complex tasks, such as classification and feature extraction orientated towards more efficient decision making. Cultural Heritage (CH) is an invaluable field that could greatly benefit from these techniques. Thus, AI could automate fundamental components of CH management, including diagnostics and preservation strategy planning. Efficient and accurate modern AI methods additionally provide powerful tools for analytical as well as didactic techniques. Moreover, ML & DL excel in the processing of large and complex data, removing a significant degree of error regarding human subjectivity. We encourage you to contribute in this Special Issue by submitting articles on your recent research works. In addition, the most exciting and innovative papers related to ML & DL presented at the “CIPA 2019—Documenting the Past for a Better Future” symposium will be selected to be extended and included in this Special Issue.

Guest Editors

Dr. Susana Del Pozo

Department of Cartographic and Land Engineering, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50, 05003 Avila, Spain

Dr. Jan Dirk Wegner

EcoVision Lab, ETH Zurich, Switzerland

Mr. Lloyd A. Courtenay

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50, 05003 Avila, Spain

Deadline for manuscript submissions

closed (1 December 2021)



ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 7.2



mdpi.com/si/31155

*ISPRS International Journal of
Geo-Information*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijgi@mdpi.com

[mdpi.com/journal/
ijgi](https://mdpi.com/journal/ijgi)





ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 7.2



[mdpi.com/journal/
ijgi](https://mdpi.com/journal/ijgi)



About the Journal

Message from the Editor-in-Chief

The *ISPRS International Journal of Geo-Information* invites you to submit research articles, reviews, and reports covering topics of the whole domain of geo-information. Although the journal was only founded in 2012, it has already achieved wide recognition in the scientific community. We are proud that since April 2015, our journal is indexed by the SCIE of the Web of Science. As Editor-in-Chief, I encourage you to consider *IJGI* for your scientific papers and would be pleased to welcome you as authors.

Editor-in-Chief

Prof. Dr. Wolfgang Kainz
Cartography and Geographic Information Science, Department of
Geography and Regional Research, University of Vienna,
Universitätsstr. 7, A-1010 Vienna, Austria

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), GeoRef, PubAg, dblp, Astrophysics Data System, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Geography, Physical) / CiteScore - Q1 (Earth and Planetary Sciences (miscellaneous))