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Machine Learning and Deep Learning in Cultural Heritage

Guest Editors:

Dr. Susana Del Pozo

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

s.p.aguilera@usal.es

Dr. Jan Dirk Wegner

EcoVision Lab, ETH Zurich,
Switzerland

jan.wegner@geod.baug.ethz.ch

Mr. Lloyd A. Courtenay

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

ladc1995@gmail.com

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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.



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Special Issue



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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

Message from the Editor-in-Chief

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Contact Us

ISPRS International Journal of Geo-Information
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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ijgi@mdpi.com