

Special Issue

Image Analysis for Historic Maps Classification

Message from the Guest Editor

Historical maps represent an invaluable source of information in many fields. Whenever the availability of long time series is crucial for the description of the evolution the landscape and of the ecologic features of a region, the use of historical maps is fundamental. The integration of historical maps in a spatial database requires their digitization, georeferentiation, classification, and possibly post-processing to filter unwanted features. Additionally, post-processing steps can be applied to extract, interpret, and decode text labels and symbols. The aim of this Special Issue is to describe the state of the art in historical maps classification, with particular reference to the (semi)automatic classification of large datasets and the semantic interpretation of the resulting information. Comparisons of different classification and filtering approaches, as well as the description of the development of specific tools, are welcome. The accepted contributions will include theoretical considerations, experimental validations, and real maps applications.

Guest Editor

Prof. Dr. Paolo Zatelli

Department of Civil, Environmental and Mechanical Engineering,
University of Trento, via Mesiano, 77, 38123 Trento, Italy

Deadline for manuscript submissions

closed (31 August 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/38910

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)