



an Open Access Journal by MDPI

Map Generalization

Guest Editors:

Prof. Dr. Barry Kronenfeld

Department of Geology and
Geography, Eastern Illinois
University, Charleston, IL 61920,
USA

**Prof. Dr. Barbara P.
Buttenfield**

Department of Geography,
University of Colorado, Boulder,
CO 80309-0260, USA

Mr. Lawrence V. Stanislawski

Research Cartographer, United
States Geological Survey, Center
of Excellence for Geospatial
Information Science, 1400
Independence Road, Rolla, MO
65401, USA

Deadline for manuscript
submissions:
closed (31 January 2020)

Message from the Guest Editors

The practice of cartographic generalization has advanced beyond display and legibility to include strategies that support analysis and feature recognition, that exploit spatial and semantic contexts, and that preserve relationships between and among features. Although standards for data production have been developed and are in wide use, formal methods to evaluate the impacts of generalization on higher level geometric, topologic, and semantic properties are still not widely available. Furthermore, presently, most organizations are not able to distribute data with feature level linkages that can span spatial resolutions, and many do not provide basic or advanced generalization services to users. All of these application domains can be refined and advanced by the development of new algorithms, processing methods, and evaluation protocols to improve support for mapping, modeling, and reasoning across multiple scales.

The purpose of this Special Issue is to highlight the emerging research in generalization and multiscale representation to support spatial modelling, analysis, or intelligent data distribution, in addition to static display.



mdpi.com/si/27337

Special Issue



an Open Access Journal by MDPI

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

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.

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 (*Remote Sensing*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

ISPRS International Journal of Geo-Information Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijgi
ijgi@mdpi.com
[X@ISPRS_IJGI](https://twitter.com/ISPRS_IJGI)