

On Denotation and Connotation in Web Semantics, Collaboration and Metadata

Guest Editors:

Dr. Paolo Diviacco

Prof. Paolo Mazzetti

Dr. Alaitz Zabala Torres

Dr. Asch Kristine

Deadline for manuscript
submissions:

closed (1 July 2020)

Message from the Guest Editors

Dear Colleagues,

Earth systems science is fundamentally cross-disciplinary. This, increasingly, requires sharing and exchange of geoscientific information among researchers with different backgrounds and traditions crossing discipline boundaries. This information can be both rich and complex, and content is often not readily interpretable by either humans or machines. In the former case the lack of common semantics, tacit knowledge, and different paradigms harm collaborative research blocking communication and preventing convergence of practices, exchange formats, and access mechanisms. The key to addressing such issues is possibly the representation of knowledge, acting as a map: guiding actors and driving collaboration. Several approaches, methods, and tools can be employed that rely either on the strict denotative formalization of knowledge or loose connotative pragmatics.



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

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](#)