

Special Issue

On Denotation and Connotation in Web Semantics, Collaboration and Metadata

Message from the Guest Editors

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.

Guest Editors

Dr. Paolo Diviacco

Prof. Paolo Mazzetti

Dr. Alaitz Zabala Torres

Dr. Asch Kristine

Deadline for manuscript submissions

closed (1 July 2020)



**ISPRS International
Journal of Geo-
Information**

**an Open Access Journal
Published by MDPI**

**Impact Factor 2.8
CiteScore 7.2**



mdpi.com/si/37060

*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://ijgi.org)





ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 7.2



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

[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))