Special Issue

Interactive 3D Cartography

Message from the Guest Editors

Cartography comprises the visualisation of geographical objects and spatially distributed phenomena by means of abstraction, generalization and representative symbols. With the advancement of 3D computer graphics, human–computer interaction (HCI) methods, and new devices, the possibilities of creating new types of map representations and interaction types have dramatically increased. In this Special Issue, we would like to invite you to submit contributions towards novel 3D visualisations, methodologies, and technologies for interactive cartographic applications. Topics may range from cartographic 3D geo-data models, abstracted 3D representation and symbolization of topographic and thematic geo-data, analysis and visual exploration of the geo-data space on different devices and media, innovative interaction modalities, up to applications in various scientific domains. The Special Issue should identify ways to present, analyse, and explore interactions for new three-dimensional immersive geo-data spaces.

Dr. Hansruedi Bär

Guest Editors

Prof. Dr. Lorenz Hurni

Dr. Hans Rudolf Bär

Dr. René Sieber

Deadline for manuscript submissions

closed (10 April 2019)

MDPI

About the Journal

Message from the Editor-in-Chief

Towards the end of 2018, I was approached to be the new Editor-in-Chief for the *Multimodal Technologies and Interaction* (*MTI*) journal. I was honored to be considered and happily accepted the role, starting in January 2019.

MTI is a new journal, and since starting in 2017, has published 10 issues with over 140 papers, with the number of publications continuing to grow. As Editor-in-Chief, I would like to continue increasing the number of high-quality papers that we publish, and in addition, work towards improving the journal in other ways, such as getting the journal listed on ISI, establishing an impact factor, and increasing our social media presence.

I would also like to better engage with the research community, including bringing some new members onto the Editorial Board, focusing the journal on the latest areas of interest, marketing at leading conferences and, most importantly, getting feedback from our readers.

Editor-in-Chief

Prof. Dr. Mark Billinghurst
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Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, dblp Computer Science Bibliography, and other databases.

Journal Rank:

CiteScore - Q1 (Neuroscience (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2025).