



Applied Geoinformatics: From Coastal to Fluvial Geography

Guest Editor:

Prof. Dr. Harri Tolvanen

Department of Geography and
Geology, University of Turku, FI-
20014 Turku, Finland

Deadline for manuscript
submissions:

closed (20 January 2022)

Message from the Guest Editor

Dear Colleagues,

The ongoing global environmental change is expected to have a significant impact on the coastal land and sea areas worldwide. It is of extreme importance to study and understand the geographical dynamics of the environment and its processes in different scales and be able to prepare for local changes. To achieve this, the catchment area, fluvial system, and coastal sea need to be studied as geographical phenomena, which comprise several dynamic and interactive processes. Geoinformatics provide a methodology to study these environments in a four-dimensional framework, where different aspects of the land–sea continuum can be examined spatiotemporally, using spatial and remote sensing data.

This Special Issue seeks high-quality papers that utilize geoinformatics in studies concerning the geographical features of the catchment area or the coastal region, or these combined. Contributions regarding the geography of natural processes, human activities or management approaches are welcome. Studies analyzing spatiotemporal phenomena of land–sea interaction are encouraged.

Prof. Dr. Harri Tolvanen

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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, Embase, CAPlus / SciFinder, and other databases.

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

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
appls@mdpi.com
[X@Appls](https://twitter.com/appls)