



Hydrologic and Water Resources Investigations and Modeling

Guest Editor:

Dr. Nejc Bezak

Faculty of Civil and Geodetic
Engineering, University of
Ljubljana, 1000 Ljubljana,
Slovenia

Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editor

Engineering design, planning, decision making, and flood risk management are often supported by various types of the hydrological and water resource management investigations and modeling. Therefore, enhancing knowledge about hydrological processes and water resources is essential in a changing climate if we want to ensure proper decision making and flood risk management, safe design and wise planning.

The main aim of this Special Issue is to gather the latest advances and developments in the field of hydrologic and water resources investigations and modeling. Therefore, we encourage the submission of review papers, original research investigations and case studies in the following topics:

- Hydrologic modeling and analyses;
- Water resources modelling and analyses;
- Models calibration, evaluation, and uncertainty assessment;
- Investigations of the changing climate impact on the hydrological processes and water resources;
- Evaluations of different (e.g., green, gray, blue) flood risk management techniques.

Assist. Prof. Nejc Bezak

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (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
applsci@mdpi.com
[X@Applsci](#)