





an Open Access Journal by MDPI

# **Machine Learning in Soil and Environmental Science**

Guest Editors:

#### Dr. Hossein Bonakdari

Department of Civil Engineering, University of Ottawa, Ottawa, ON K1N 6N5, Canada

#### Prof. Dr. Taha B. M. J. Ouarda

Canada Research Chair in Statistical Hydro-Climatology, National Institute of Scientific Research (INRS-ETE), Quebec City, QC G1K 9A9, Canada

Deadline for manuscript submissions:

closed (30 April 2023)

### **Message from the Guest Editors**

This Special Issue covers a wide variety of subjects for applications of machine learning techniques in environmental problems, and aims to be a forum for researchers to publish their recent studies into this crucial area by focusing on: (i) proposing more accurate and reliable modeling methodologies; (ii) improving the accuracy of conventional methods and/or environmental impact assessments; and (iii) establishing a knowledge-based decision support tool through integrated machine leaning-based answers to both quantitative and qualitative environmental issues. Relevant topics include, but are not limited to, the following areas:

- Water resource management;
- Environmental and biological conservation;
- Remote sensing and geographic information systems;
- Pollution prevention and remediation;
- Energy and climate change;
- Agroforestry;
- Solar system;
- Aquatic/marine biology;
- Soil ecology;
- Earth systems.











an Open Access Journal by MDPI

#### **Editor-in-Chief**

# **Prof. Dr. Antony Bryant**Headingley Campus, Leeds

Beckett University, Leeds LS6

## **Message from the Editor-in-Chief**

Informatics (ISSN 2227-9709) is an international, peerreviewed, open access journal, which publishes original theoretical and empirical work on the science of informatics and its application in multiple fields. Our concept of Informatics includes technologies of information and communication as well as the biological, social, linguistic and cultural changes that initiate, accompany and complicate their development.

Informatics publishes regular research articles, reviews and short notes. There is no restriction on the length of papers, and we encourage researchers to publish their theoretical and empirical results in as much detail as possible. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, ESCI (Web of Science), dblp, and other databases.

**Journal Rank:** JCR - Q2 (*Computer Science, Interdisciplinary Applications*) / CiteScore - Q1 (Communication)

#### **Contact Us**