Special Issue

Statistical and Remote Sensing Tools in Soil Modelling and Monitoring

Message from the Guest Editors

This special issue welcomes contributions that focus on the application of geostatistical and other mathematical tools as matching learning and neuronal networks to describe and predict spatial variation and perform spatial interpolation of soil data. The following are examples of suitable topics: soil data modelling, soil GIS for the computation of algebraic functions using the (semi) variogram to quantify the spatial variation of a regionalized variable, digital soil mapping, application of soil information in specific sectors (e.g. agriculture, natural resource management, soil degradation, climate change mitigation, frozen soil monitoring (permafrost) or archaeology exploration) Manuscripts may consider the collection of baseline soil data or more advanced models of soil properties.

Guest Editors

Prof. Dr. Susana del Carmen Fernández Menedez

Department of Geology and Institute of Science and Aerospatial Technologies (ICTEA), University of Oviedo, Oviedo, Spain

Prof. Dr. Celestino Ordóñez Galán

Department of Mining Exploitation and Prospecting, Universidad de Oviedo, Oviedo, Spain

Dr. Javier Fernández Calleja

Department of Physics, University of Oviedo, Oviedo, Spain

Deadline for manuscript submissions

closed (21 December 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/72575

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

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.

Editor-in-Chief

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

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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