



an Open Access Journal by MDPI

Environmental Impact Assessment on Soil and Water Conservation

Guest Editors:

Prof. Dr. Daniel Bucur

Department of Pedotechnics, Faculty of Agriculture, "Ion Ionescu de la Brad" Iasi University of Life Sciences, 3 Aleea Mihail Sadoveanu, 700490 Iasi, Romania

Dr. Lilian Niacşu

Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iasi, Carol I, 11, 700506 Iasi, Romania

Deadline for manuscript submissions: closed (10 September 2023)



mdpi.com/si/131684

Message from the Guest Editors

The efficient and sustainable use of agricultural land primarily depends on the application technical, economic, legal, and social measures to manage, arrange and capitalize on them for the optimal development of production processes in agriculture and to protect the environment. On the other hand, existence on Earth is directly linked to the ubiquity of water as an element of the environment. Taking a deliberately broad approach to the topic, we are happy to consider original proposals in fields including, but not limited to:

- soil and water resource management;
- land degradation by soil erosion, gullying, and landslides;
- sustainable land-use in the river basins;
- soil compaction and its management for sustainable crop production;
- watershed planning and management;
- floodplain and river restoration;
- climate change impact, adaption, and mitigation measures;
- river engineering and river basin development;
- hazards resulting from hydrological extremes and risk management;
- surface and groundwater quality assessment;
- soil and water pollution caused by the excessive use of pesticides and fertilizers, industrial chemical discharge, and the poor management of solid waste.







an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. Water invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological scientific domains and and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision

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, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

Contact Us

Water Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/water water@mdpi.com X@Water_MDPI