water

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

CITESCORE 5.5

Advances on the Dynamics of Groundwater Salinization

Guest Editors:

Dr. Evangelos Tziritis
Hellenic Agricultural Organisation, Soil and Water Resources Institute, Thessaloniki, Greece

Prof. Dr. Cüneyt Güler
Dept. of Geological Eng., Mersin University, Mersin, Turkey

Prof. Dr. Christoph Külls
Hochschule Lübeck, Architecture & Civil Engineering, Laboratory for Hydrology and International Water Management, Lübeck, Germany

Deadline for manuscript submissions:
closed (28 December 2023)

Message from the Guest Editors

This Special Issue of Groundwater Salinization (GWS) is a global phenomenon of increasing interest due to its adverse effects on the socioeconomic structure and the physical environment. Being a complex phenomenon, it includes several inter-linked aspects of spatiotemporal resolution that are yet not fully understood or identified.

We invite contributions that address scientific advances in temporal variations across all time scales and spatial coverages or even combined spatial-temporal dynamics. Experimental data, projections and reconstructions are needed to show variations of salinization at short time scales to years, decades or even at historical or paleo-hydrological scope by using residence time analysis combined with salinization indicators or modelling techniques.

Also, include various methodological approaches, such as geophysics, geochemistry, environmental isotopes, multivariate statistics, geostatistics, artificial intelligence, remote sensing and in situ multi-parameter monitoring. Papers on high-resolution temporal variations of salinization in response to tidal effects, are welcome in order to improve our understanding around salinization dynamics.

mdpi.com/si/120304

Special Issue

water

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

CITESCORE 5.5

Editor-in-Chief

Dr. Jean-Luc PROBST
ECOLAB, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, campus ENSAT, Auzeville Tolosane, 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 and scientific domains 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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI