



water

an Open Access Journal by MDPI



The Groundwater Susceptibility, Risk, and Hazard Analysis for Sustainability in the Anthropocene

Guest Editor:

Dr. Seiyed Mossa Hosseini

Physical Geography Department,
University of Tehran, P.O. Box,
Tehran 14155-6465, Iran

Deadline for manuscript
submissions:

closed (25 October 2023)

Message from the Guest Editor

Dear Colleagues,

Groundwater is the largest liquid freshwater reservoir on planet Earth which has been increasingly under stress in terms of both quantity and quality due to over-pumping and the unsustainable exploitation of aquifers to meet rapidly growing population and agriculture activities. These drivers associated with climate change pressures threaten the sustainable management of groundwater resources. For susceptibility analysis of the groundwater to different stressors (e.g., overexploitation and contamination), different process-based models, overlay and index models, and statistical models are developed and tested all over the world.

The increased growth of human-induced hydrogeological hazards (e.g., land subsidence, seawater intrusion into coastal aquifers, deterioration of groundwater quality, and groundwater level declination) reveals the role of analysis of groundwater susceptibility to such hazards.[...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/3UED0H59Q3



[mdpi.com/si/158635](https://www.mdpi.com/si/158635)

Special Issue



water



an Open Access Journal by MDPI

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](https://twitter.com/Water_MDPI)