



Assessment of Urban Aquifer Pollution through Statistical Approaches and Numerical Modelling

Guest Editors:

Dr. Loris Colombo

loris.colombo@polimi.it

Dr. Pietro Mazzon

pietro.mazzon@polimi.it

Dr. Licia Camilla Pollicino

liciacamilla.pollicino@polimi.it

Prof. Dr. Grzegorz Gzyl

ggzyl@gig.eu

Deadline for manuscript
submissions:

30 September 2021

Message from the Guest Editors

Dear Colleagues,

The ever-increasing demand for safe drinking water attributable to anthropogenic activities poses a serious threat to groundwater quality, also in relation to future water scarcity scenarios. Although several approaches have been developed to address the problem of urban aquifer pollution, the main challenges still remain.

Among the different approaches, GIS-based statistical, statistical analysis, numerical modeling and, more recently, stochastic modeling represent key tools for the assessment of quality deterioration of urban aquifers. The use and combination of these approaches can support water managers and public authorities in practical problems.

The aim of this Special Issue of *Sustainability* is to provide an overview of the different and innovative approaches used to assess urban aquifer pollution, in order to gain additional and useful insights on groundwater resource protection.

Dr. Loris Colombo

Dr. Pietro Mazzon

Dr. Licia Camilla Pollicino

Dr. Grzegorz Gzyl

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer-reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access:— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[@Sus_MDPI](https://twitter.com/Sus_MDPI)