





an Open Access Journal by MDPI

# Groundwater Sustainability - The Role of Managed Aquifer Recharge, Participatory Monitoring and Supply and Demand Side Management

Guest Editors:

### Prof. Dr. Basant Maheshwari

Dean's Unit School of Science, Western Sydney University, Penrith, Australia

## Dr. Dharma Hagare

Sustainability Engineering, School of Engineering, Western Sydney University, Penrith, Australia

### Dr. Pennan Chinnasamy

Centre for Technology Alternatives for Rural Areas (CTARA), Indian Institute of Technology, Bombay, India

Deadline for manuscript submissions:

closed (30 September 2021)

## **Message from the Guest Editors**

Dear Colleagues,

Sustainable use of groundwater is becoming critical in many parts of the world and requires effective strategies for recharge, demand management, and participation from local communities along with technical, social, economic, gender, policy, governance, and political inputs. Access to groundwater for farming communities is also an emotional and complex issue, as their livelihood and survival depends on it. Transdisciplinary approaches are required to understand the issues, challenges, and options for improving the sustainability of groundwater use. In this Special Issue, we invite articles that focus on the sustainability of groundwater use through understanding of recharge processes, interventions that reduce groundwater use, introduction of social, economic, cultural, and political perspectives for groundwater management, and exploration of participatory and cooperative approaches for local engagement. We also encourage articles that use transdisciplinary approaches to tackle groundwater sustainability challenges in urban, periurban, and rural landscapes.









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. Sustainability publishes original research articles, review articles and communications, I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering 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, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## **Contact Us**