

Special Issue

Groundwater Vulnerability and Sustainability

Message from the Guest Editors

This Special Issue addresses the growing problems of groundwater depletion and contamination, and their intricate relation to sustainable groundwater management. It relates to the present context of burgeoning water and environmental problems faced by humankind and the UN Sustainable Development Goals (SDGs). Research papers (case studies, reviews, and policy related) from different parts of the world dealing with the following topics are invited:

- Groundwater depletion and strategies for sustainable groundwater utilization.
- Case studies on scientific approaches for the sustainable use of groundwater in agriculture or other sectors.
- Studies on groundwater–food–energy–environment nexus.
- Simulation–optimization modeling for sustainable use of water resources in irrigated agriculture.
- Role of groundwater in achieving SDGs.
- Assessing aquifer vulnerability or risk to contamination or water scarcity in urban and rural regions.
- Spatio-temporal variability of safe/sustainable or mining yields of aquifers.
- Application of IWRM and/or Virtual Water concepts to combat water problems.

Guest Editors

Prof. Dr. Madan Kumar Jha

Agricultural & Food Engineering Department, Indian Institute of Technology (IIT) Kharagpur, Kharagpur 721302, India

Prof. Dr. Richard C. Peralta

Civil and Environmental Engineering Department and Utah Water Resources Research Laboratory, Utah State University, Logan, UT 84322-4110, USA

Deadline for manuscript submissions

closed (16 May 2023)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 8.9



mdpi.com/si/97002

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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