

Special Issue

Sustainable Assessment and Management of Groundwater Resources

Message from the Guest Editors

Water scarcity is a global problem. For arid or semi-arid regions, groundwater is the main or even the only source of water. The unreasonable utilization of groundwater may cause environmental problems such as land subsidence, environmental pollution and ecological degradation, among others. On one hand, the amount of groundwater resources needs to be accurately assessed and reasonably allocated to prevent a series of environmental and geological environmental problems caused by excessive exploitation. On the other hand, groundwater quality should also be properly protected. Groundwater pollution should be prevented, and polluted groundwater should be assessed and treated in a timely manner. Potential topics include, but are not limited to:

- Groundwater overexploitation treatment or artificial recharge.
- Surface-groundwater hydraulic linkage.
- Groundwater circulation and renewal.
- Groundwater dynamics or solute transport models.
- Groundwater resources allocation and management model.
- Seawater intrusion into aquifers.

We look forward to receiving your contributions. Prof. Dr. Yanguo Teng

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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 initiatives and applications of sustainability-based measures and activities.

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