

## Special Issue

# Groundwater in Arid and Semiarid Areas II

### Message from the Guest Editors

Water is a basic requirement for life and, in arid and semiarid zones, water availability defines if and where civilization can function. Surface water resources are commonly limited in these areas and groundwater must be used and, in some cases, is being used unsustainably. New techniques combined with detailed hydrogeological studies are needed to develop policies for the wise use of groundwater in these settings. This is the second issue of *Geosciences* to address key issues of groundwater in arid and semiarid zones and illustrate them with studies from across the Earth. This Special Issue aims to provide an outlet for the rapid, widely accessible publication of peer-reviewed studies on the hydrogeology and water resources of semiarid and arid zones. The issue will cover, without being limited to, the following areas:

- **Water budgets;**
- **Recharge and paleo recharge;**
- **Water quality;**
- **Resource allocation;**
- **Optimal use;**
- **Remote sensing.**

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### Guest Editors

Prof. John M. (Jack) Sharp

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### Deadline for manuscript submissions

closed (31 July 2022)



## Geosciences

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## About the Journal

### Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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### Editor-in-Chief

Prof. Dr. John C. Eichelberger

Alaska Center for Energy and Power, University of Alaska Fairbanks,  
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