Special Issue

Aquifer Storage and Recovery: Theory, Design, and Operation

Message from the Guest Editors

Dear Colleagues,

Use of surface water or seawater desalination for primary water supply has limitations based on climatic variability and facility failure. In areas where the construction and operation of large surface-water reservoirs is not practical, storage of excess water when available can be within the groundwater system. Aquifer storage and recovery (ASR) is becoming a more commonly-used technology to meet seasonal, short-term drought conditions, or emergency water supply needs. This Special Issue focuses on the design, modeling, economics, operation, and management of ASR systems. We also encourage the submission of manuscripts on hybrid ASR systems or aquifer restoration systems using similar technologies.

Prof. Thomas M. Missimer
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Guest Editors

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