Special Issue

Analysis of Groundwater and Total Water Storage Changes Using GRACE Observations II

Message from the Guest Editors

This Special Issue will focus on the spatial distribution of long-term total water storage and groundwater changes and their evolution and prognosis over time. Moreover, despite the complex nature of TWS change combined with meteorological and hydrological parameters and factors, new technologies will make it possible to explain its spatio-temporal dynamics. This will lead to better insights into changes in the groundwater constituting the basis of drinking water resources. Potential topics include, but are not limited to, the following:

- Spatio-temporal dynamics of TWS change;
- Prognosis of TWS change;
- Downscaling TWS observations;
- Climatical and meteorological indices computed on the basis of TWS changes;
- Groundwater computation based on TWS observations;
- Groundwater level, its monitoring and prognosis;
- Influence of meteorological parameters on groundwater storage.

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Message from the Editor-in-Chief

Earth journal is a publishing platform to promote discoveries related to the Earth and its components (atmosphere, oceans, land, cryosphere, biosphere, and humans). The journal serves as a publishing venue that views Earth from a holistic perspective and disseminates scientific papers with emphases on multidisciplinary approaches to understand the complexities and interactions occurring on a variety of spatial and temporal scales. Rapid turnaround time and full open access offer the opportunity to make research results immediately available to scientific communities and the general public.

Editor-in-Chief

Prof. Dr. Charles Jones
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