Special Issue

GRACE for Earth System Mass Change: Monitoring and Measurement

Message from the Guest Editors

For two decades, measurements of the Earth's time-varying gravity fields by the GRACE and GRACE-FO missions have greatly advanced our understanding of large-scale mass transport within the Earth system. Gradually evolving or transient mass redistributions near the Earth's surface, whether in the form of water, ice, or solid earth, can theoretically be captured by GRACE, provided its mass magnitude is large enough (at least several giga-tons). Despite the successful application of GRACE datasets in a variety of fields, the ongoing observations continue to promote our understanding of Earth's dynamic processes. The Special Issue welcomes contributions in the following areas: new methods and concepts to improve the resolution and interpretation of GRACE observations and to fill data gaps; novel utilization of the GRACE full-length measurements; innovative applications to extend the usability of GRACE data; and new results from the latest GRACE observations. The disciplines involved may include but are not limited to, hydrology, glaciology, oceanography, and solid geophysics.

Guest Editors

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Deadline for manuscript submissions

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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