Special Issue

GRACE Satellite Gravimetry for Geosciences

Message from the Guest Editors

During the last decade, the space gravimetry mission GRACE has been the key to progress in understanding water and ice mass transport at the Earth surface. From its launch in March 2002 until its end in 2017, the performance of the GRACE twin satellites placed at low altitude (~400 km) allowed mapping global gravity field variations with unprecedented temporal and surface spatial resolutions, i.e., 1 month and 300–400 km, respectively. This new type of gravity observations plays a crucial role in climate change sciences as Level-2 GRACE products have given access to surface water redistributions. Furthermore, the launch in 2018 of the new mission GRACE-FO that assures the continuity of space gravimetry offers new insights for global/regional water mass transfer studies.

We invite you to contribute in this satellite gravimetry-related topic by including your latest results concerning GRACE data processing, methodologies, and signal analysis in the context of establishing mass balances of large continental drainage river and ice field systems.

For more information:
https://www.mdpi.com/si/33274

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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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