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Remote Sensing by Satellite Gravimetry

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Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editors

Dear Colleagues,

During the last two decades, satellite gravimetry has become a new remote sensing technique providing a detailed global picture of the physical structure of the Earth. This Special Issue is calling for contributions about observation techniques, data processing, and achievements obtained with satellite gravimetry missions so far. In addition, the first results of the GRACE Follow-On mission and future concepts of satellite constellations for monitoring the mass distribution of the Earth shall be addressed.

Potential topics of the Special Issue include, but are not limited to:

- CHAMP, GRACE, GRACE Follow-On, and GOCE data analysis, including instrument performance
- Techniques for gravity field modelling with satellite data
- Current and future concepts for satellite gravimetry
- New observation techniques in satellite gravimetry
- Satellite gravity field models (mean field and time series) and their validation
- Time series of mass transport in the Earth system
- Applications of satellite gravimetry in Earth sciences

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Special Issue

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Message from the Editor-in-Chief

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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