

Special Issue

Geodesy for Gravity and Height Systems

Message from the Guest Editors

Geodesy in general and gravity field modeling in particular have become important disciplines of remote sensing of our planet. From the classical disciplines of geoid determination, geodetic reference systems realization, navigation and satellite orbit determination, and geophysics and interior earth structure, the gravity field science has in recent decades provided unique data on mass transport processes in the Earth system, primarily due to the GRACE and GRACE-Follow On satellite missions.

This Special Issue solicits contributions that focus on all aspects of global and regional gravity field determination, from theoretical and methodological issues to modeling results and applications. We seek contributions that focus on absolute and relative gravimetry, instrumentation and new sensors, gravity field theory, global and regional gravity field modeling at all spatial and temporal scales, and geophysical and oceanographic applications of gravity field models. Theory, methodology, and practical aspects of height system unification will also be a focus element, as well as current and future gravity field missions for monitoring mass transport processes in the Earth system.

Guest Editors

Prof. Dr. Roland Pail
Prof. Dr. Pavel Novák
Dr. George Vergos

Deadline for manuscript submissions

closed (31 October 2021)



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Message from the Editorial Board

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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