



Geodesy for Gravity and Height Systems

Guest Editors:

Prof. Dr. Roland Pail

Technical University of Munich,
Institute of Astronomical and
Physical Geodesy, Arcisstrasse
21, 80333 Munich, Germany

Prof. Dr. Pavel Novák

Department of Geomatics,
University of West Bohemia,
Univerzitní 22, Plzeň, CZ-306 14
Pilsen, Czech Republic

Dr. George Vergos

Laboratory of Gravity Field
Research and Applications—
GravLab, Aristotle University of
Thessaloniki, Thessaloniki,
Greece

Deadline for manuscript
submissions:

closed (31 October 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)