

Call for Papers

A special issue on
“Gravity and geoid in the Asia Pacific”
for the journal *Terrestrial, Atmospheric and Oceanic Sciences (TAO)* is launched.

(Submissions Start date: October 30, 2020)

Title of the special issue

Gravity and geoid in the Asia Pacific

Scope of the special issue

This special issue invites submissions that show recent gravity data processing and geoid modeling works in the Asia Pacific region. In particular, we welcome papers presented in the first Asia Pacific geoid workshop

(<http://space.cv.nctu.edu.tw/The-First-Asia-Pacific-geoid-workshop-4e>).

This special issue welcomes papers that (1) show numerical methods for geoid modeling and the societal impact of a high-quality geoid model, (2) use latest global gravity models as reference fields in the remove-compute-restore procedure, (3) model the terrain effects on geoid, (4) use transnational gravity data for geoidal modeling and accuracy improvement, (5) report results of regional airborne and shipborne gravity surveys, (6) show the benefit of high-resolution, high-accuracy altimeter-derived gravity to geoid modeling, (7) use GNSS, deflection and leveling data to assess geoidal accuracy, and (8) reports potential use of new gravity data for geophysical studies, particularly in plate tectonics, volcanism, and seismology.

Guest Editors

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- Wenbin Shen
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- Xiaopeng Li
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Important dates

- Manuscript submission deadline: ~~March 31, 2021~~ -> June 15, 2021
- Revision in final form: August 31, 2021
- Submit to the TAO office: December, 2021
- Tentative publication: February, 2022

How to submit your paper

Register/Log in → Submit New Manuscript → Choose Article Type: Special Issue → Proceed to finish every step

Please select **“Gravity and geoid in the Asia Pacific”** in the Section/Category of Special Issue.

Manuscripts should be submitted in Microsoft Word via

<http://www.editorialmanager.com/tao/default.aspx>

For more detailed information about submitting your paper, please visit:

<http://tao.cgu.org.tw/index.php/special-issue-all/guidelines-for-si>

Page Charge

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1 - 12	NT\$12000 / US\$400 for each article
13 and over	NT\$1500 / US\$50 per page

* All pages will be printed in color without additional fee.