Special Issue

Gaofen 16m Analysis Ready Data

Message from the Guest Editors

Since 2019, China has adopted an open data policy for Gaofen (GF) satellites, which grants the global community free and open data access. As a first step, global data with 16-meter resolution from GF 1 and GF 6 satellites have been made publicly accessible. The released data are in the Level 1 processing stage, which means that end users will inevitably face different preprocessing steps for these data before they are able to explore domain application tasks. To improve the usability of the shared data for end users, Gaofen 16m Analysis Ready Data (ARD) is seriously needed in order to introduce a series of standard preprocessing procedures. In this Special Issue, we invite submissions related to Gaofen 16m ARD techniques, including, but not limited to:

- Geometric correction of Gaofen 16m data;
- Atmospheric correction of Gaofen 16m data;
- Cloud/Shadow/Water masking of Gaofen 16m data;
- Quality labeling of Gaofen 16m data;
- Combined use of Gaofen 16m ARD and other similar sensors (e.g., Landsat, Sentinel-2) and fusion approaches;
- Suitability of Gaofen 16m ARD for LCLU classification, change detection, and time series analysis.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/101808

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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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