



Meteorological Satellites Data Analysis

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Message from the Guest Editor

Environmental satellites provide valuable data for the environment, the economy, and human life, and meteorological satellites have played an important role in global climate, environment and weather, especially in numerical weather prediction (NWP) and climate monitoring fields. Satellite data applications have increasing requirements for data timeliness, continuity and quality. The health status of the satellite platform and instruments on board is critical to the robust operational operation of satellite ground segments. The quality of the satellite science data, especially sensor data record products, is also the prerequisite for remote sensing applications. To meet the application requirements and ensure reliable satellite data products operationally, satellite agencies and researchers have been working on methodologies based on satellite data analysis and modeling and implementing them into the practice of satellite monitoring operation and maintenance as an important part of the satellite data ground processing system.

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