

April 11, 2019

**Call for Papers:**  
**Special Edition on**  
**“Global Precipitation Measurement (GPM): 5th Anniversary”**  
**in *Journal of the Meteorological Society of Japan (JMSJ)***

The Global Precipitation Measurement (GPM) Core Observatory (CO), a key satellite of the Japan-U.S. joint development mission, was launched in February 2014 and achieved 5 years of observation in March 2019. The GPM-CO now extends coverage into the mid–high-latitudes beyond the tropics observed by the Tropical Rainfall Measuring Mission (TRMM). The Dual-frequency Precipitation Radar (DPR) developed by Japan onboard the GPM-CO allows us to retrieve microphysical properties of precipitation particles and latent heating profiles in the global perspective. Simultaneous observations by the GPM Microwave Imager (GMI) and DPR have been improving the accuracy of precipitation rate estimated from the GPM constellation satellites including the Japanese Global Change Observation Mission – Water (GCOM-W) mission. The algorithms developed for the GPM are also contributing to improvement of a legacy observation data set of 17 years provided by the TRMM.

This special edition is a successor to the special issue on Precipitation Measurements from Space ([Volume 87A, March 2009](#)) for TRMM 10th Anniversary and accepts papers related to studies on GPM including analysis and applications as well as algorithm developments. The special edition also accepts papers on studies using the long-term TRMM data and research carried out for a future satellite mission. An invited review article providing historical perspective or current activities will be an additional feature of this special edition.

**About submission**

Please read carefully Instructions for the authors shown at

<http://jmsj.metsoc.jp/instructions.html>

and submit the manuscripts on the online submission system:

<https://mc.manuscriptcentral.com/jmsj>

Choose ‘GPM’ during the submission process. Please also mention that your submission is for “GPM” in the cover letter.

The submitted manuscripts follow ordinary review procedure. The authors can choose their preferred

editor-in-charge among the editors for this special edition. Those papers that are not in time for submission or publication in the special edition may be considered for publication in ordinary issues.

### **Important dates**

Deadline of submission:

31 March 2020

Publication:

In regular issues of 2019-2020

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