

## **Introducing GSICS: Inter-Calibration of Microwave Radiometers for Precipitation**

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The Global Space-based Inter-Calibration System (GSICS) is an international collaborative effort initiated in 2005 by the World Meteorological Organization (WMO) and the Coordination Group for Meteorological Satellites (CGMS) to monitor, improve and harmonize the quality of observations from operational weather and environmental satellites of the WMO Integrated Global Observing System (WIGOS). The GSICS microwave sub-group is in the process of recommending common algorithms to inter-compare channels of microwave radiometers using a variety of techniques applicable for different frequencies. As part of a cooperation with GSICS, the IPWG cross-calibration requirements will be reviewed, as this critical first step needed to combine data from multiple satellites for precipitation retrievals.