

Calibration for the standard pyranometer of the Meteorological, Climatological and Geophysical Agency of Indonesia (BMKG) at WMO/RIC Tsukuba

Three experts from the Indonesian Meteorological Service (BMKG) visited WMO/RIC Tsukuba from 1 to 3 June 2015 to maintain the traceability of BMKG's standard pyranometer equipment through intercomparison and calibration with the standard pyranometer of RIC Tsukuba. A pyranometer is an instrument used to measure solar radiation flux density (W/m^2) with a 180-degree field of view. Collaboration with National Meteorological Services is a key success factor in achieving better-quality solar radiation observation worldwide based on certified measurement. One of RIC/Tsukuba's key roles involves assisting WMO Members in calibrating their national meteorological standards and related environmental monitoring instruments. In this connection, the visit is considered to have been successful and to have brought mutual benefits to BMKG and JMA.

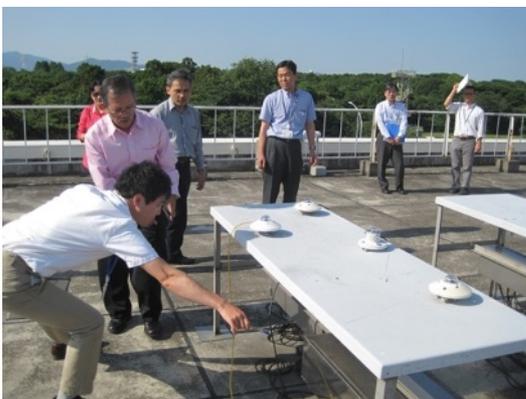
■ Group photo at the RIC Tsukuba gate



■ Commentary on calibration procedure



■ Pyranometer intercomparison



■ Technical tour of RIC/Tsukuba

