



## **An Outline of the WMO Stewardship Maturity Matrix for Climate Data and its Application**

Christina Lief (1) and Ge Peng (2)

(1) World Meteorological Organization (WMO), Geneva, Switzerland, (2) NOAA's Cooperative Institute for Climate and Satellites at National Centers for Environmental Information, Asheville, USA

The World Meteorological Organization (WMO) is a United Nations' specialized agency in the field of weather, water and climate. As part of its activities, WMO fosters international collaboration to develop technical guidance and standards for the collection, processing, and management of data and forecast products. Under the auspices of its Commission for Climatology, WMO decided to establish a High-Quality Global Data Management Framework for Climate (HQ-GDMFC) initiative. As part of this initiative, the WMO has developed a Stewardship Maturity Matrix for Climate Data (SMM-CD) tool that enables data providers to assess and rate their datasets quantifiably with a score based on internationally validated data stewardship best practices. This presentation provides an outline of the SMM-CD and its application to selected global climate Earth Science datasets.