The catalog will be made available to users using the WMO Information System (WIS), and datasets will be easily discoverable and accessible through main search engines. An internationally agreed catalog providing a living list of high quality datasets will be developed and maintained under the auspices of WMO.

WMO HQ-GDMFC will identify high quality data sets, and provide guidelines and best practices to improve climate data and management through WMO Technical Regulations.

**WHAT**

is high quality climate data and how do we identify it?

- Timely, discoverable and accessible
- Continuous, homogeneous, with adequate geographical coverage, and as far as possible free of gaps
- Properly documented and maintained, with adequate, complete and standardized metadata, including technical documentation and quality assessment/control information

**WHY**

do we need high quality climate data?

- The climate is changing, and data are helping address the many challenges of adaptation and mitigation, including the socio-economic implications of this change.
- Decision-makers need reliable data products like statistical analyses, model outputs, satellite-based analyses, and climate predictions and projections. The higher the quality of the data, the better the decision made.
- Users need an easy way to assess whether a data set that the analysis is based on is of high quality, to know that the data and the resulting product can be trusted. Good metadata and high maturity matrix scores can provide such information on datasets.

**HOW**

do we make high quality data and guidelines available to users?

- WMO HQ-GDMFC will identify high quality data sets, and provide guidelines and best practices to improve climate data and management through WMO Technical Regulations.
- An internationally agreed catalog providing a living list of high quality datasets will be developed and maintained under the auspices of WMO.
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“Not everything that can be counted counts, and not everything that counts can be counted.”

ALBERT EINSTEIN

Theoretical physicist

“The goal is to turn data into information, and information into insight.”

CARLY FIORINA

Former Chief Executive Officer of Hewlett-Packard

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