



**International Workshop on Climate Data Requirements and Applications
Progressing on Data Management Tools, Data Rescue in support
of Climate Change Assessment and the Global Framework for Climate Services**

Panel Session, Tuesday, 5 March 2013

Background

Excerpt from CCI-XV, final report, section 9.1.14: *"The Commission emphasized the critical and necessary collaboration of all Members to ensure high quality, timely and accessible climate data from all possible sources encompassing land and marine data and including in-situ, space based and proxy data. To this effect the Commission recommended the organization, under the auspices of WMO, during the fifteenth CCI intersessional period of an international conference addressing the various aspects of climate data and involving a wide participation of technical commissions, programmes and co-sponsored programmes as well as partners. The conference should lead afterwards to the development of a High Quality Global Climate Data Management System (HQ-GCDMS) which will benefit from the progress made in implementing modern Climate Data Management Systems (CDMSs) and Climate Data Rescue (DARE); the set up of WIS architecture and the utilization of international standards for data representation, exchange and database models."*

Objectives of the session

The objective of this session is to develop a common understanding of the gaps and opportunities in the area of climate data and its management and make recommendations towards the development of a high quality data management system for climate as recommended by CCI-XV. In order to achieve the objectives the focus of Panel session discussions and recommendation will be streamlined along the following three issues

- 1) Assessing current knowledge about climate data and climate data management requirements and gaps,
- 2) Reviewing current global, regional and national capabilities and mechanisms in terms of climate data and its management,
- 3) What to accomplish in terms of strengthened operational capabilities as well as improved regulatory basis for climate data quality, availability and timeliness in support of the GFCS.

Structure of the Session

Moderator: Tom Peterson, President of WMO Commission for Climatology

Key note by William Wright and Lianchun Song

Towards a high quality global data management system for climate

Panelists:

- Oleg Anissimov (Head of the Climatology Department, State Hydrological Institute, Russian Federation, oleg@oa7661.spb.edu)
- Jose Daniel Pabon (Director ,CIIFEN, d.pabon@ciifen.org)
- Aryan Van Engelen (Director, European Climate Assessment and Data sets project, aryan.van.engelen@knmi.nl)
- Yoshimatsu (Tokyo Climate Centre, JMA, Japan yoshimatsu@met.kishou.go.jp)
- Andre Kamga Fouamohoue (Head Climate Department, ACMAD, akamgaf@yahoo.com)

The moderator will introduce the session by highlighting what is expected from the session. He will distribute time for interventions and ask clarifications from speakers if needed and also summarize recommendations and wrap up the session.

The Secretariat will provide a 15 minutes presentation reviewing relevant decisions and recommendations on climate data and climate data management as well as related CSIS requirements and will be in charge of taking the notes and proposed recommendations.

William Wright and Lianchun Song will provide a joint presentation on climate data requirements and gaps and the vision for a high quality global data management system for climate system (20 minutes).

Panelists will provide short oral introduction on their perspectives (from the area of their responsibility) on what would be a modern situation / infrastructure for managing climate data across national, regional and global scales based on commonly agreed protocols, standards and regulations.

Floor will be open for questions, discussion and suggestions for recommendations for short, medium and long term proposed actions to set up a high quality data management system for climate.