

Draft Record of the Joint session
of the CCI Expert Teams on Data Rescue and Climate Data Management Systems
(ET DARE and ET CDMS)

Geneva, Switzerland, 5 November 2014

*Note: The following meeting presentations can be accessed here:
<http://www.wmo.int/pages/prog/wcp/wcdmp/Meetings.php>*

| Presenter | File name |
|------------------|-----------------------------------|
| Bruce Bannerman | CDMS_overview |
| Nancy Westcott | DARE_overview |
| Denis Stuber | DARE_relevant_CDMS_Specs_Sections |
| Peter Siegmund | I_DARE |

OPACE 1 Co-Chair Mr William Wright chaired the joint session and discussed issues of common interest to both teams, such as WIS linkages, metadata management, technology migration needs, capacity building needs, handling of informal data (3rd party data) and aspects of sustainability. He highlighted the role of IPET CDMP and encouraged a close collaboration of both ETs with the IPET.

ET DARE chair Ms Nancy Westcott and ET CDMS Co-chair Mr Bruce Bannerman provided an overview of relevant DARE and CDMS activities, respectively.

ET CDMS chair Mr Denis Stuber provided an overview of DARE-relevant components and functions as described in the WMO CDMS Specifications publication.

Recommendations to ET CDMS:

- CDMS Specs section 4.3.3: Consider reflecting data rescue in provenance metadata
- CDMS Specs section 5.2: Replace the term 'scan' by 'image'
- CDMS component 5.2.1.3: Upgrade 'chart digitisation' from 'optional' to 'recommended'
- CDMS Specs: Consider capture of changes made to time series data during homogenisation; liaise with OPACE 2

Recommendation to ET DARE:

- Review DARE-related sections and components of the WMO CDMS Specifications publication and provide comments to Messrs Stuber (denis.stuber@meteo.fr), Bannerman (b.bannerman@bom.gov.au) and Hechler (phechler@wmo.int) by 31 January 2015.

Mr Peter Siegmund introduced the concept of the international data rescue portal I-DARE. The subsequent discussion resulted in the following recommendations (R) and conclusions (C):

- (R): Add a section 'lessons learnt' to the I-DARE content
- (C): The International Climate Assessment and Dataset (ICA&D) already provides an excellent platform for successful collaboration between DARE and CDMS communities
- (R): Consider adding to ET DARE work plan: How to engage 'weather detectives' (citizens and kids interested in discovering data)
- (R): Consider applying a component approach when designing I-DARE
- (C): WMO regional structures, such as Regional Associations and Regional Climate Centres play an important role in promoting the work of ET DARE and ET CDMS, respectively

Both teams discussed further aspects of common interest:

- There is a need to strengthen (climate) data management practices in general. Relevant capacity building activities need to take into account Quality Management principles. Any highly ambitious DARE or CDMS implementation project may fail in a weak organisation with poor management processes in place. Accordingly, management skills of trainees need to be developed.
- Promote data rescue in CDMS implementation projects and vice versa.
- Need to develop WMO (climate) data QC/QA standards.

Mr Rob Allan encouraged ET DARE members to consider attending ACRE annual meetings

Both teams recommended considering to hold further joint sessions, should opportunities arise.

The joint session of ET DARE and ET CDMS was closed by its chairperson on Wednesday, 5 November 2014 at 4.40 p.m.