

## TT-DO&M (Climate side) introduction

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and Hydrology (Warsaw, 23 September 2014)

# Climate side outline

Former activities in WMO Working Groups

Other WMO activities related to TT-DO&M

Prospects of TT-DO&M activities in AR-VI WGCH

# Past AR-VI WGCH TT-DARE

| Deliverable/Activity  | 2011/1 | 2011/2 | 2012/1 | 2012/2 | 2013/1 | Responsible                     |
|---|--------|--------|--------|--------|--------|---------------------------------|
| <b>Task Team on Data Rescue</b>   |        |        |        |        |        |                                 |
| Inventorying available digital climate data through European NMHSs, repositories/ projects (e.g. ECA&D, EMULATE, CIRCE) and Agencies (e.g. EUMENET, DWD);     |        |        |        |        |        | Aryan Van Engelen               |
| Data rescue coordination in Europe: Inventorying/approaching current DARE activities over Europe: both at regional and national scales;                       |        |        |        |        |        | Manola Brunet                   |
| Provide guidance on the methodics for homogeneity test of historical time series and quality control of data as well as support in capacity building process; |        |        |        |        |        | Ingeborg Auer, Jose A. Guijarro |
| Initiate and help mobilizing resources for undertaking integrated DARE projects, including digitization and homogenization;                                   |        |        |        |        |        |                                 |
| Identify and prioritize implementation of integrated DARE projects;   |        |        |        |        |        |                                 |
| Promoting the development of high-quality and homogenized long climate records;   |        |        |        |        |        |                                 |

# Past CCI OPACE1 TT-DARE and EUMETNET-DARE

Similar tasks as AR-VI WGCH TT-DARE

Common deliverable:

Relevant information compiled at the web site  
<http://www.climatol.eu/DARE/>

# Events affecting the evolution of the DARE web site

- ▶ Planned I-DARE web portal (A. Van Engelen)
- ▶ CCI OPACE2 TT-Homogenization
- ▶ EUMETNET DARE portal at <https://www.zamg.ac.at/dare/>
- ▶ Ongoing research on homogenization benchmarking (with M. Brunet, P. Domonkos *et al.*)

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# MCH implementation and training activities

MCH (Meteorology, Climatology and Hydrology) is a CDMS developed and maintained in Mexico.

It was donated to WMO, translated to English (a French version is in preparation) and installed in several countries: Gahna, Albania, Belice, Curaçao, Bosnia & Herzegovina Srpska Republik, Kosovo, and some other countries in Central and South-America.

WMO sponsored MCH workshop in Madrid from 1<sup>st</sup> to 5<sup>th</sup> next December.

# Prospects of TT-DO&M activities in AR-VI WGCH

- ▶ Maintaining and improving the existing RA VI/CCI WebSite on Data Rescue, including information on available digitized data, data rescue projects, homogeneity methods, methodologies of data rescue, considering inclusion of info on hydrological data
- ▶ Network design and optimization (with support from the Hydro Forum)
- ▶ Support to standards development
- ▶ Maintenance of monitoring systems
- ▶ Harmonization of methodologies, quality control and access to data
- ▶ Data exchange and sharing

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# Potential members for the climate side

Suggested climatological members of TT-DO&M  
(from Received\_nominations-WG\_CH spread-sheet):

#1; Czech Republic; Anna Valerianova; climatologist; CDMS

#5; Hungary; Zita Bihari; Head of Climatology Division; Climate:  
Climate services, CDMS, drought

#6; Israel; Avner Furshpan; Director of climatology; Climate:  
Stations Metadata, data rescue, quality control, climate  
products

#11; Russian Federation; Besprozvannikh Alexander; Deputy  
Chief of Laboratory; Data Management System