

RA VI Working Group on Climate and Hydrology, Expert Group on Climate

TT DARE progress report (8-Dec-2012) on Deliverables/Activities of Work Plan 2011-2013

TT-DARE Work Plan 2011-2013 summary:

Deliv ID#	Deliverable/Activity	2011/1	2011/2	2012/1	2012/2	2013/1	Status	Comment / main partners
1.1	Inventorying available digital climate data through European NMHSs, repositories/projects (e.g. ECA&D, EMULATE, CIRCE) and Agencies (e.g. EUMENET, DWD);						Partially done	Cooperation with RAVI WG-TDI, EUMETNET, CCI (OPACE1,2). Contributions of partners and members are needed to complement and update this information.
1.2	Data rescue coordination in Europe: Inventorying/approaching current DARE activities over Europe: both at regional and national scales;						Partially done	Implementation of a web page with links to data repositories inventoried in 1.1 and to DARE projects. External contributions also expected.
1.3	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;						Done	Information about state of the art of available homogenization packages is given in the web page, but more is planned for a near future.
1.4	Initiate and help mobilizing resources for undertaking integrated DARE projects, including digitization and homogenization;							
1.5	Identify and prioritize implementation of integrated DARE projects;							
1.6	Promoting the development of high-quality and homogenized long climate records;							

Progress of activities in the last year:

Activities 1.1, 1.2 and 1.3 have been summarized in the web page located at <http://www.climatol.eu/DARE/index.html> (see annex).

Information on 1.1 and 1.2 is necessarily limited due to the difficulty of gathering and keeping it updated by a small group of people. Therefore, a call is made to users and maintainers of current project's home pages to provide adequate links to them, although limited feed-back has been received so far.

Point 1.3, on the other hand, presents a rather complete information on available homogenization packages, summarized in comparative tables of their main characteristics, including links to download them or e-mail addresses to contact with the authors. Anyway, benchmarking exercises are currently being undertaken, and their results will be summarized in the same page in a near future as a way to enhance the benefits of applying homogenization procedures to the climate series.

Pending Deliverables/Activities:

1.4 (2012/2-2013/1): Initiate and help mobilizing resources for undertaking integrated DARE projects, including digitization and homogenization

1.5 (2013/1): Identify and prioritize implementation of integrated DARE projects

1.6 (2012/1-2013/1): Promoting the development of high-quality and homogenized long climate records

DARE task team members are continuously advocating in favor of DARE and homogenization practices in any climate meeting or congress we are taking part, as well as in our day-to-day work. But these activities require financial support, and therefore they need to be implemented in national and international projects.

Some DARE projects are already currently in action, as is the case with MEDARE and CARPATCLIM. Others are in their promotional phase, e.g. in the expected DARE activities within the next phase of EUMETNET Climate, and the WMO call to build an international consortium for accelerating Data Rescue and bringing the development of high quality climate data for the 21st century climate services. Therefore, in spite of current budget restrictions, prospects of ongoing and future DARE activities are very promising.

Collaboration, joint activities with other WGs, TTs, etc:

Strong links foreseen with OPACE 1 and 2 of Commission for Climatology (common members). After the meeting of OPACE1/ET-DARE (Geneva, 5-7 December 2011), it was agreed that regional DARE web pages would be linked at a root I-DARE page or portal, and that they would contain links to already established web pages of current DARE initiatives. Therefore, the implemented DARE web page (see annex) is aimed at fulfilling the needs of both RA-VI TT-DARE and CCI ET-DARE groups.

DARE capacity building has also been asked by Latin-American NMHSs in the frame of the conference of directors CIMHET, and last October a Training course on climate data management for the NMHSs of Central America and the Caribbean was held in La Antigua (Guatemala).