

Report

Data management workshop 2015

St. Gallen, Switzerland, 28 – 30 October, 2015

A wide spread field of topics concerning data management was covered by this conference organized by MeteoSwiss under the umbrella of EUMETNET.

The workshop was opened by Mischa Croci-Maspoli (Head of Climate Division of MeteoSwiss) and Peer Hechler (WMO).

WMO has many DMW related activities as world wide data exchange, support activities to build capacity, guidelines to climatological practices, - a survey on the status of CDMSs worldwide showed that nearly half of the members do not have adequate systems, I-DARE, new guidelines on homogenisation and FAQs is planned, including climate requirements in remote measuring for use of data for climate purposes, guidelines on DARE and update of QC/QA guidelines are undertaken. Recent changes by the WMO are calculations of new climatological normal periods every 10 years (user demand), definition of National climate monitoring products,

The presentations showed that the quality control routines are constantly improved by the participants and that automated routines are modernised in order to be quicker, easier to be used by the organisation members and easier extendable and less complicated in their technical requirements.

The available products are on the one hand fitted to different user groups and on the other hand the number of freely available data increases.

Interaction with countries in southern America and Africa on topics of data rescue, quality control and homogenisation takes place.

Data rescue is still done by most of the countries. For filling gaps data sources like newspapers are partly used, but have some drawbacks.

Another big issue is the analyses of parallel measurements for different parameters for estimating breaks and their statistical properties, e.g. caused by changes in sheltering or changed instrumentation. All countries are kindly invited to participate in this action by providing data. At the moment temperature and precipitation are looked at, but the work on further parameters is already planned. In homogenisation ISTI is still active and additional parameters start to be of interest for daily homogenisation.

Different new gridded datasets have been presented as well as the progress in international databases and climate change issues.

Oral and poster presentations can be found at

<http://www.meteoschweiz.admin.ch/home/forschung-und-zusammenarbeit/internationale-zusammenarbeit/eumetnet/10th-eumetnet-data-management-workshop/presentations.html>