



Current status of Data Rescue Activities

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The EUMETNET-DARE activity supports and monitors national data rescue activities. Especially long-term datasets are essential for climate research for climate monitoring, describing past climate variability as well as for climate model evaluation. Early instrumental series are moreover a connecting link to the paleoclimatic community. While there is a good data coverage in time and space over Europe from 1960ies onward, this period is not long enough to capture the full climate variability especially concerning extreme events.

In Europe national weather services are aware of the importance to make old data available and already a considerable part of the long-term series has been digitized and made available due to a number of data rescue activities. EU-DARE contributes by providing an extended inventory of digitized and non-digitized climate data, focusing on centennial or even longer daily data, long-term mountain stations of at least 50 years and data in sparse regions.

Annual progress reports show that the number of digital available, quality controlled and homogenised long term time series is increasing continually. Information on the digitised data as well as the still not digitised data can be found on the webpage: <https://www.zamg.ac.at/dare>. Moreover in the “Lost-and-Found”-area information on available data of foreign stations in the national archives are given, offering the possibility of initialising a data exchange between the countries. Data exchange and cooperation is an essential issue especially in prolonging meteorological time series that belonged to different countries during her history. This cooperation might need to include not only an exchange of the raw data material but might also be necessary in translations of meta information given on the data sheets.

Unfortunately, while the importance of data rescue it is a well-known and universally accepted fact, shortage of financial and personal resources keeps slowing down the progress.