





Management of data
Description of Climatological database
<ul> <li>The Romanian Climatological Database stores an amount of ~30 Gb of data.</li> </ul>
> The Operating System is Windows Server 2000
> The Database Management System is Oracle 10g Database
<ul> <li>The available data series are described in a parameter catalogue available on-line on the National Meteorological Administration's web site (<u>http://www.inmh.ro/index.php?id=67</u>)</li> </ul>
<ul> <li>For each meteorological station and rain gauge there is a list of parameters with the available period and missing data by class (operational, climatological, metadata) and subclass (monthly, daily, hourly, statistics)</li> </ul>
There are about 800 parameters available for each station
The database stores climatological and synoptical data for:
> 260 stations - climatological data from 1961 – present (163 stations, out of which 99 automatic )
> 42 stations - daily temperature (max, min, average) from 1848- present
<ul> <li>1800 rain gauges - daily rainfall data 1848 – 2001 from (360 rain gauges)</li> </ul>
> 163 stations - SYNOP data from 1990 – present





















## **Ongoing activities**

- Need for quality control (daily data), filling gaps and homogenization of monthly, seasonal, annual data
- > This is an ongoing activity
- How are we doing that?
  - > Using WMO recommendations in this respect
  - Collaboration in COST Action ES601 Advances in homogenisation methods of climate series: an integrated approach (HOME)

http://www.homogenisation.org/













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