

# Climate Data Homogenization

## Usage within NMHSs & other organizations

**From:** WMO Expert Team on Data Development and Stewardship  
ET-DDS

**Date:** *Day/Month/Year*

# Information from the homogenized data producers

**17 organizations responded to the questionnaire from March to August 2025:** Australian Bureau of Meteorology, Environment and Climate Change Canada, Czech Hydrometeorological Institute, DWD, Météo-France, Hellenic National Meteorological Service, HungaroMet, Indonesian Agency for Meteorology Climatology and Geophysics, Latvian Environment, Slovak Hydrometeorological Institute, AEMET, Universidad de Zaragoza, Meteorological Service of Catalonia, Swedish Meteorological and Hydrological Institute, UK Met Office, Ukrainian Hydrometeorological Institute and NOAA.

**Such organizations have specified their homogenized data usage according to 4 categories:**

1. Homogenized Datasets catalogue, fill in data gap, data rescue
2. Report / Trend / Indices / Diagnostic/ on historical and present data
3. Model verification/calibration (climate model, reanalysis, seasonal forecast, etc.)
4. Other specific climate services (health, energy, agriculture, etc.), Analysis, Research

# Questionnaire results

Categories	%
Produce homogenized data series	100
Report / Trend / Indices / Diagnostic for historical and present data	82
Model verification/calibration	35
Specific climate services, Analysis, Research	24

The answers to the questionnaire are available at this address:

[https://github.com/ET-DRC/Home/blob/main/consultation/homogenization/Products\\_Homogenization\\_V7.xlsx](https://github.com/ET-DRC/Home/blob/main/consultation/homogenization/Products_Homogenization_V7.xlsx)

# Samples

Annual Mean Temperature Change in Hungary Based on Homogenized Data

