

Preliminary program

12th Seminar for Homogenization and Quality Control in Climatological Databases and 7th Interpolation Conference & the Danube-Adapt Project meeting 5th-8th May, 2026

HungaroMet Hungarian Meteorological Service, Budapest, 1024, Kitaibel P. street 1.

and online (Budapest time - CEST)

5th May, Tuesday		
14:00-14:10	Welcome	
14:10-14:30	WMO activities in support of climate data homogenisation Peer Hechler WMO	online
14:30-14:50	Survey on homogenization practices within WMO members Jose A. Guijarro ¹ , Denis Stuber ² , Reinaldo Silveira ² and Peer Hechler ³ ¹ Associate member of the WMO Expert Team on Data Development and Stewardship ² Co-chair of the WMO Expert Team on Data Development and Stewardship ³ WMO Scientific Officer	online
14:50-15:10	Theoretical Problems of Homogenization and Spatial Interpolation Tamás Szentimrey Varimax Limited Partnership, Budapest, Hungary	onsite
15:10-15:30	Coffee break	
15:30- 15:50	Challenges in Homogenizing Precipitation Data and Assessing Trend Representativeness Xiaolan L. Wang Climate Research Division, Environment and Climate Change Canada, Canada	onsite
15:50-16:10	Reconstruction of Maximum Temperature Time Series Using Machine Learning Models Euarda Regina Agnolin, Fiorella Acquotta Univesidade Federal de Santa Catarina UFSC, Brasil	onsite
17:00-20:00	Ice breaker	

6th May, Wednesday		
09:00-09:20	Quality Control of Precipitation Data from Automatic Weather Stations using Central Integration Platform Hela Irha, Maja Piljek and Ana Šantić	onsite

	Croatian Meteorological and Hydrological Service (DHMZ), Ravnice 48, HR-10000 Zagreb	
09:20-09:40	From Manual to Operational: Sustainable Homogenization of Monthly Temperature and Precipitation in Belgium ¹ Mel Brehon, ¹ Romain Ingels, ¹ Laurent Delobbe, ² Rozemien De Troch, ² Thomas Muller ¹ Royal Meteorological Institute of Belgium ² Belgian Climate Centre	onsite
09:40-10:00	Automated Homogenisation of monthly precipitation series for France using Climatol Gautier C., Espern-Foucaud Q., Fau F. Météo-France, Direction de la Climatologie et des Services Climatiques	online
10:00-10:20	Poster pitches 3min each	
10:20-10:40	Coffee break	
10:40-11:00	Homogenization Methods for Early Climate Records? Elin Lundstad Norwegian Meteorological Institute	online
11:00-11:20	Challenges in homogenizing long series. Two examples from the Balearic Islands. Jose A. Guijarro Retired from the State Meteorological Agency (AEMET, Spain)	online
11:20-11:40	An operational homogenised daily temperature data set in Australia Blair Trewin, Simon Grainger and Alex Evans, Bureau of Meteorology, Australia	online
11:40-12:00	Shifting Baselines, Shifting Trends: The Hidden Impact of Global Warming on Percentile-Based Indices ^{1,2} Yizhak Yosef; ³ Enric Aguilar; ¹ Pinhas Alpert ¹ Department of Geophysics, Tel Aviv University, Tel Aviv, Israel ² Israel Meteorological Service, Bet Dagan, Israel ³ Center for Climate Change (C3), Rovira i Virgili University, Tarragona, Spain	online
12.00-14.00	Lunch	
14:00-14:20	A new blended rainfall database - extending the climatological observations series for UK rainfall using Rainfall Rescue data Stephen Packman UK Meteorological Office	onsite
14:20-14:40	Updates from the Copernicus Climate Change Service Global Land and Marine Observations Database Robert Dunn (UKMO), Simon Noone (NUIM), Matthew Menne (NOAA), Nancy Casey (CSS Inc), Peter Thorne (NUIM)	online
14:40-15:00	A new comprehensive, bias adjusted upper air dataset in the Copernicus Data Store	onsite

	<p>Ulrich Voggenberger¹, Leopold Haimberger¹, Federico Ambrogi¹, Markel Garcia Diez², and Paul Poli³ ¹University of Vienna, Meteorology and Geophysics, Vienna, Austria ²Predictia, Santander, Spain ³ECMWF, Bonn, Germany ulrich.voggenberger@univie.ac.at</p>	
15:00-15:20	<p>GriSt: Daily 3-km Gridded Climate Fields for Central Europe since 1961 ^{1,2}Petr Štěpánek, ^{1,2}Pavel Zahradníček, ³Agnieszka Wypych, ³Agnieszka Sulikowska ¹Global Change Research Institute of the Czech Academy of Sciences, Brno, Czech Republic ²Czech Hydrometeorological Institute, Brno Regional Office, Czech Republic ³Jagiellonian University, Institute of Geography and Spatial Management, Department of Climatology, Kraków, Poland</p>	onsite
15:20-15:40	coffee break	
15:40-16:00	<p>HOMOGENIZATION OF MONGOLIAN MEAN WIND SPEED MONTHLY SERIES AND CHALLENGES Baljinnyam Nyamjantsan Research Division of Climate Change and Resource, Information and Research Institute of Meteorology, Hydrology, and Environment, National Agency Meteorology and Environmental Monitoring, Ulaanbaatar 15160, Mongolia</p>	onsite
16:00-16:20	<p>Wind direction interpolation with MISH software Bokros, Izsák</p>	onsite
19:00-22:00	Conference dinner	

7th May, Thursday		
09:00-09:20	<p>Homogenization with MASH - the climatological database of the Danube region Izsák et al.: HungaroMet Hungarian Meteorological Service</p>	onsite
09:20-09:40	<p>Creation of climate database for the Danube Region: first results Szentés et al.: HungaroMet Hungarian Meteorological Service</p>	onsite
09:40-10:00	<p>Bias adjustment of EURO-CORDEX high-resolution simulations by means of quantile delta mapping: Evaluation on the climate from the near past over Southeast Europe Hristo Chervenkov and Kiril Slavov National Institute of Meteorology and Hydrology, Bulgaria</p>	onsite
10:00-10:20	Coffee break, end of the 12th Seminar for Homogenization and Quality Control in	

	Climatological Databases and 7th Interpolation Conference	
10:20	Continuation with the 3rd partner meeting of the Danube-Adapt project	