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		
13:30-14:00	Registration	
14:00-14:10	Welcome: Gábor Szanka, CEO of HungaroMet and organizers	
14:10-14:30	**WMO Activities in support on Climate Data** *ET-DDS and ET-MCCVC from the WMO Standing Committee on Climate Services*	online
14:30-14:50	**Survey on homogenization practices within WMO members** Jose A. Guijarro[1], Denis Stuber[2], Reinaldo Silveira[2], 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
14:50-15:20	**Theoretical Problems of Homogenization and Spatial Interpolation** Tamás Szentimrey *Varimax Limited Partnership, Budapest, Hungary*	onsite
15:20-15:40	Coffee break	
15:40-16:00	**Challenges in Homogenizing Precipitation Data and Assessing Trend Representativeness** Xiaolan L. Wang *Climate Research Division, Environment and Climate Change Canada, Canada*	onsite
16:00-16:20	**Reconstruction of Maximum Temperature Time Series Using Machine Learning Models** Eduarda Regina Agnolin, Fiorella Acquaotta *Univesidade Federal de Santa Catarina UFSC, Brasil*	online
17:00-20:00	Icebreaker on the Roof Terrace of HungaroMet	

6th May, Wednesday		
08:30-09:00	Registration	
09:00-09:20	**Quality Control of Precipitation Data from Automatic Weather Stations using Central Integration Platform** Hela Irha, Maja Piljek, Ana Šantić *Croatian Meteorological and Hydrological Service (DHMZ), Ravnice 48, HR-10000 Zagreb*	onsite
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	**Rescuing the Past: Automated Homogenization of Early Instrumental Records and Its Implications for Historical Climate Reconstruction** 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, 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** Yizhak Yosef[1,2]; Enric Aguilar[3]; Pinhas Alpert[1] *[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** Ulrich Voggenberger[1], Leopold Haimberger[1], Federico Ambrogi[1], Markel Garcia Diez[2], Paul Poli[3] *[1]University of Vienna, Meteorology and Geophysics, Vienna, Austria* *[2]Predictia, Santander, Spain* *[3]ECMWF, Bonn, Germany*	onsite
15:00-15:20	**GriSt: Daily 3-km Gridded Climate Fields for Central Europe since 1961** Petr Štěpánek[1,2], Pavel Zahradníček[1,2], Agnieszka Wypych[3], Agnieszka Sulikowska[3] *[1]Global Change Research Institute of the Czech Academy of Sciences, Brno, Czech Republic* *[2]Czech Hydrometeorological Institute, Brno Regional Office, Czech Republic* *[3]Jagiellonian University, Institute of Geography and Spatial Management, Department of Climatology, Kraków, Poland*	onsite
15:20-15:40	Coffee break	
15:40-16:00	**Wind direction interpolation with MISH software** Kinga Bokros[1,2], Beatrix Izsák[1] *[1]Department of Climate Research, HungaroMet Hungarian Meteorological Service, Budapest, Hungary* *[2]ELTE Eötvös Loránd University, Faculty of Science, Doctoral School of Earth Sciences, Budapest, Hungary*	onsite
16:00-16:20	**Culture Walk with Inhomogeneities** Zita Bihari	onsite
19:00-22:00	Conference dinner at Fióka - Restaurant, Wines, Beers, 1122 Budapest, Városmajor utca 75.	

7th May, Thursday		
08:30-09:00	Registration	
09:00-09:10	**Welcome speeches** 1. Special guest from the Hungarian climate policy 2. HungaroMet representative 3. Attila Sütő (HungaroMet)	
09:10-09:30	**Homogenization with MASH - the climatological database of the Danube region** Beatrix Izsák[1], Olivér Szentes[1], Tamás Szentimrey[2], Mónika Lakatos[1], Zita Bihari[1] *[1]Department of Climate Research, HungaroMet Hungarian Meteorological Service, Budapest, Hungary* *[2]Varimax Limited Partnership, Budapest, Hungary*	onsite
09:30-09:50	**Creation of climate database for the Danube Region: first results** Olivér Szentes[1], Beatrix Izsák[1], Mónika Lakatos[1], Zita Bihari[1], Tamás Szentimrey[2] *[1]Department of Climate Research, HungaroMet Hungarian Meteorological Service, Budapest, Hungary* *[2]Varimax Limited Partnership, Budapest, Hungary*	onsite
09:50-10:10	**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, Kiril Slavov *National Institute of Meteorology and Hydrology, Bulgaria*	onsite
10:10-10:30	**Potential usability of climatological data in integrated vulnerability assessments – Development of an integrated climate vulnerability assessment framework for the Danube region** Attila Sütő, Zsófia Kecskés, Pál Selmeczi, Miklós Gula *HungaroMet Hungarian Meteorological Service, Budapest, Hungary*	onsite
10:30-10:40	Close up of the 12th Seminar for Homogenization and Quality Control in Climatological Databases and 7th Interpolation Conference	
10:40-11:00	Coffee break	
11:00-	*Beginning of the 3rd partner meeting of the Danube-Adapt project*	

Posters
6th May, Wednesday

Quality Control and Validation System for Phenological Data Ivana Medved *Croatian Meteorological and Hydrological Service (DHMZ), Ravnice 48, 10000 Zagreb, Croatia*	onsite
ClimRisk: Climate Projections to 2100 for Europe with a Focus on the Czech Republic Mirek Trnka[1,2], Petr Stepanek[1,3], Petr Skalák[1], Jan Balek[2], Pavel Zahradníček[1,3], Jan Meitner[1], Aleš Farda[1], Milan Fischer[1,2] *[1]Global Change Research Institute CAS, Department of climate modelling and scenarios development, Brno, Czechia* *[2]Mendel University in Brno, Institute of Agrosystems and Bioclimatology, Zemědělská 1, 613 00 Brno, Czech Republic* *[3]Czech Hydrometeorological Institute, Kroftova 43, Brno, 616 00, Czech Republic*	onsite
Climate Data Cooperation for Evidence-Based Adaptation in the Danube Region Mónika Lakatos, Zita Bihari, Sára Bordi, Beatrix Izsák, Otília Megyeri-Korotaj, Olivér Szentes *HungaroMet, Department of Climate Research, Hungarian Meteorological Service, Budapest, Hungary*	onsite
New Map Products in Climatological Services on the Webpage of the Slovak Hydrometeorological Institute Katarína Mikulová, Lívia Labudová, Juraj Holec, Dušan Štefánik, Kristína Szabóová, Gabriela Ivaňáková, Ivana Krčová, Jozef Rozkošný *Slovak Hydrometeorologickal Institute, Jeseniova 17, Bratislava, Slovakia*	onsite
Independent validation of daily precipitation in the Ukrainian gridded climate dataset ClimUAd Vladyslav Sidenko[1], Olesya Skrynyk[2,1], Liudmyla Palamarchuk[1], Dmytro Oshurok[1], Ihor Kravchenko[1], Oleg Skrynyk[1] *[1]Ukrainian Hydrometeorological Institute, Kyiv, Ukraine* *[2]National University of Life and Environmental Sciences of Ukraine, Kyiv, Ukraine*	onsite
Climate monitoring products: AgroClima and DataClima a simple and interactive way to access Drought indicators in Portugal V. Pires, C. Pereira, T. Moura, R. Deus. *IPMA - Portuguese Sea and Atmosphere Institute, I.P., Portugal*	online