

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		
13:30-14:00	Registration	
14:00-14:10	Welcome	
14:10-14:30	WMO activities in support of climate data homogenisation Peer Hechler <i>WMO</i>	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 <i>¹Associate member of the WMO Expert Team on Data Development and Stewardship</i> <i>²Co-chair of the WMO Expert Team on Data Development and Stewardship</i> <i>³WMO Scientific Officer</i>	online
14:50-15:20	Theoretical Problems of Homogenization and Spatial Interpolation Tamás Szentimrey <i>Varimax Limited Partnership, Budapest, Hungary</i>	onsite
15:20-15:40	Coffee break	
15:40-16:00	Challenges in Homogenizing Precipitation Data and Assessing Trend Representativeness Xiaolan L. Wang <i>Climate Research Division, Environment and Climate Change Canada, Canada</i>	onsite
16:00-16:20	Reconstruction of Maximum Temperature Time Series Using Machine Learning Models Euarda Regina Agnolin, Fiorella Acquotta <i>Univesidade Federal de Santa Catarina UFSC, Brasil</i>	online
17:00-20:00	Ice breaker	

6th May, Wednesday		
08:30-09:00	Registration	
09:00-09:20	<p style="text-align: center;">Quality Control of Precipitation Data from Automatic Weather Stations using Central Integration Platform Hela Irha, Maja Piljek, Ana Šantić <i>Croatian Meteorological and Hydrological Service (DHMZ), Ravnice 48, HR-10000 Zagreb</i></p>	onsite
09:20-09:40	<p style="text-align: center;">From Manual to Operational: Sustainable Homogenization of Monthly Temperature and Precipitation in Belgium ¹Mel Brehon, ¹Romain Ingels, ¹Laurent Delobbe, ²Rozemien De Troch, ²Thomas Muller ¹<i>Royal Meteorological Institute of Belgium</i> ²<i>Belgian Climate Centre</i></p>	onsite
09:40-10:00	<p style="text-align: center;">Automated Homogenisation of monthly precipitation series for France using Climatol Gautier C., Espern-Foucaud Q., Fau R. <i>Météo-France, Direction de la Climatologie et des Services Climatiques</i></p>	online
10:00-10:20	Poster pitches 3min each	
10:20-10:40	Coffee break	
10:40-11:00	<p style="text-align: center;">Rescuing the Past: Automated Homogenization of Early Instrumental Records and Its Implications for Historical Climate Reconstruction Elin Lundstad <i>Norwegian Meteorological Institute</i></p>	online
11:00-11:20	<p style="text-align: center;">Challenges in homogenizing long series. Two examples from the Balearic Islands. Jose A. Guijarro <i>Retired from the State Meteorological Agency (AEMET, Spain)</i></p>	online
11:20-11:40	<p style="text-align: center;">An operational homogenised daily temperature data set in Australia Blair Trewin, Simon Grainger, Alex Evans <i>Bureau of Meteorology, Australia</i></p>	online
11:40-12:00	<p style="text-align: center;">Shifting Baselines, Shifting Trends: The Hidden Impact of Global Warming on Percentile-Based Indices Yizhak Yosef^{1,2}; Enric Aguilar³; Pinhas Alpert¹ ¹<i>Department of Geophysics, Tel Aviv University, Tel Aviv, Israel</i> ²<i>Israel Meteorological Service, Bet Dagan, Israel</i> ³<i>Center for Climate Change (C3), Rovira i Virgili University, Tarragona, Spain</i></p>	online
12.00-14.00	Lunch	

14:00-14:20	<p>A new blended rainfall database - extending the climatological observations series for UK rainfall using Rainfall Rescue data</p> <p>Stephen Packman <i>UK Meteorological Office</i></p>	onsite
14:20-14:40	<p>Updates from the Copernicus Climate Change Service Global Land and Marine Observations Database</p> <p>Robert Dunn (<i>UKMO</i>), Simon Noone (<i>NUIM</i>), Matthew Menne (<i>NOAA</i>), Nancy Casey (<i>CSS Inc</i>), Peter Thorne (<i>NUIM</i>)</p>	online
14:40-15:00	<p>A new comprehensive, bias adjusted upper air dataset in the Copernicus Data Store</p> <p>Ulrich Voggenberger¹, Leopold Haimberger¹, Federico Ambrogio¹, Markel Garcia Diez², Paul Poli³</p> <p>¹<i>University of Vienna, Meteorology and Geophysics, Vienna, Austria</i> ²<i>Predictia, Santander, Spain</i> ³<i>ECMWF, Bonn, Germany</i></p>	onsite
15:00-15:20	<p>GriSt: Daily 3-km Gridded Climate Fields for Central Europe since 1961</p> <p>Petr Štěpánek^{1,2}, Pavel Zahradníček^{1,2}, Agnieszka Wypych³, Agnieszka Sulikowska³</p> <p>¹<i>Global Change Research Institute of the Czech Academy of Sciences, Brno, Czech Republic</i> ²<i>Czech Hydrometeorological Institute, Brno Regional Office, Czech Republic</i> ³<i>Jagiellonian University, Institute of Geography and Spatial Management, Department of Climatology, Kraków, Poland</i></p>	onsite
15:20-15:40	Coffee break	
15:40-16:00	<p>Homogenization of Mongolian Mean Wind Speed Monthly Series and Challenges</p> <p>Baljinnyam Nyamjantsan</p> <p><i>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</i></p>	onsite
16:00-16:20	<p>Wind direction interpolation with MISH software</p> <p>Kinga Bokros^{1,2}, Beatrix Izsák¹</p> <p>¹<i>Department of Climate Research, HungaroMet Hungarian Meteorological Service, Budapest, Hungary</i> ²<i>ELTE Eötvös Loránd University, Faculty of Science, Doctoral School of Earth Sciences, Budapest, Hungary</i></p>	onsite
19:00-22:00	Conference dinner	

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 <i>¹Department of Climate Research, HungaroMet Hungarian Meteorological Service, Budapest, Hungary</i> <i>²Varimax Limited Partnership, Budapest, Hungary</i>	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 <i>¹Department of Climate Research, HungaroMet Hungarian Meteorological Service, Budapest, Hungary</i> <i>²Varimax Limited Partnership, Budapest, Hungary</i>	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 <i>National Institute of Meteorology and Hydrology, Bulgaria</i>	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 <i>HungaroMet Hungarian Meteorological Service, Budapest, Hungary</i>	onsite
10:30-10:40	Close up of the 12 th Seminar for Homogenization and Quality Control in Climatological Databases and 7 th Interpolation Conference	
10:40-11:00	Coffee break	
11:00-	<i>Beginning of the 3rd partner meeting of the Danube-Adapt project</i>	

Posters
6th May, Wednesday

<p>Quality Control and Validation System for Phenological Data Ivana Medved <i>Croatian Meteorological and Hydrological Service (DHMZ), Ravnice 48, 10000 Zagreb, Croatia</i></p>	onsite
<p>ClimRisk: Climate Projections to 2100 for Europe with a Focus on the Czech Republic Mirek Trnka^{1,2}, Petr Stepanek^{1,3}, Petr Skalák¹, Jan Balek², Pavel Zahradníček^{1,3}, Jan Meitner¹, Aleš Farda¹, Milan Fischer^{1,2} ¹<i>Global Change Research Institute CAS, Department of climate modelling and scenarios development, Brno, Czechia</i> ²<i>Mendel University in Brno, Institute of Agrosystems and Bioclimatology, Zemědělská 1, 613 00 Brno, Czech Republic</i> ³<i>Czech Hydrometeorological Institute, Kroftova 43, Brno, 616 00, Czech Republic</i></p>	onsite
<p>Climate Data Cooperation for Evidence-Based Adaptation in the Danube Region Mónika Lakatos, Zita Bihari, Sára Bordi, Beatrix Izsák, Otília Megyeri-Korotaj, Olivér Szentes <i>HungaroMet, Department of Climate Research, Hungarian Meteorological Service, Budapest, Hungary</i></p>	onsite
<p>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 <i>Slovak Hydrometeorologická Inštitúcia, Jeseniova 17, Bratislava, Slovakia</i></p>	onsite
<p>Independent validation of daily precipitation in the Ukrainian gridded climate dataset ClimUAd Vladyslav Sidenko¹, Olesya Skrynyk^{2,1}, Liudmyla Palamarchuk¹, Dmytro Oshurok¹, Ihor Kravchenko¹, Oleg Skrynyk¹ ¹<i>Ukrainian Hydrometeorological Institute, Kyiv, Ukraine</i> ²<i>National University of Life and Environmental Sciences of Ukraine, Kyiv, Ukraine</i></p>	onsite
<p>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. <i>IPMA - Portuguese Sea and Atmosphere Institute, I.P., Portugal</i></p>	online