

## Programme

12<sup>th</sup> Seminar for Homogenization and Quality Control in Climatological Databases  
and

7<sup>th</sup> Interpolation Conference & the Danube-Adapt Project meeting 5<sup>th</sup>-8<sup>th</sup> May, 2026

HungaroMet Hungarian Meteorological Service, Budapest, 1024, Kitaibel P. street 1.  
and online (Budapest time - CEST)

<b>5<sup>th</sup> May, Tuesday</b> <b>MS Teams link:</b> <a href="https://teams.microsoft.com/meet/344114494400702?p=VQszsJKRP34FRPtQIG">https://teams.microsoft.com/meet/344114494400702?p=VQszsJKRP34FRPtQIG</a> <b>Meeting ID:</b> 344 114 494 400 702 <b>PIN code:</b> Hi24S4hY		
13:30-14:00	Registration	
14:00-14:10	Welcome: Gábor Szanka, CEO of HungaroMet and organizers	
14:10-14:30	<b>WMO Activities in support on Climate Data</b> Robert Dunn <sup>1</sup> , Blair Trewin <sup>2</sup> , Denis Stuber <sup>3</sup> , Reinaldo Silveira <sup>4</sup> , Peer Hechler <sup>5</sup> , Jose Guijarro <sup>6</sup> , William Wright <sup>7</sup> <i><sup>1</sup>UK Met Office, <sup>2</sup>Bureau of Meteorology Australia, <sup>3</sup>Météo-France,  <sup>4</sup>SIMEPAR Brazil, <sup>5</sup>WMO Secretariat,  <sup>6</sup>Retired from Spanish State Meteorological Agency (AEMET), <sup>7</sup>Retired from            Bureau of Meteorology Australia</i>	online
14:30-14:50	<b>Survey on homogenization practices within WMO members</b> Jose A. Guijarro <sup>1</sup> , Denis Stuber <sup>2</sup> , Reinaldo Silveira <sup>2</sup> , Peer Hechler <sup>3</sup> <i><sup>1</sup>Associate member of the WMO Expert Team on Data Development and            Stewardship  <sup>2</sup>Co-chair of the WMO Expert Team on Data Development and Stewardship  <sup>3</sup>WMO Scientific Officer</i>	online
14:50-15:20	<b>Theoretical Problems of Homogenization and Spatial Interpolation</b> Tamás Szentimrey <i>Varimax Limited Partnership, Budapest, Hungary</i>	onsite
15:20-15:40	Coffee break	
15:40-16:00	<b>Challenges in Homogenizing Precipitation Data and Assessing Trend Representativeness</b> Xiaolan L. Wang <i>Climate Research Division, Environment and Climate Change Canada,            Canada</i>	onsite
16:00-16:20	<b>Reconstruction of Maximum Temperature Time Series Using Machine Learning Models</b> Eduarda Regina Agnolin, Fiorella Acquaotta <i>Univesidade Federal de Santa Catarina UFSC, Brasil</i>	online
17:00-20:00	Ice breaker	

<b>6<sup>th</sup> May, Wednesday</b> <b>MS Teams link:</b> <a href="https://teams.microsoft.com/meet/38082812627719?p=1de0BI7C15I26S8xaU">https://teams.microsoft.com/meet/38082812627719?p=1de0BI7C15I26S8xaU</a> <b>Meeting ID:</b> 380 828 126 277 19 <b>PIN code:</b> to9LR7iv		
08:30-09:00	Registration	
09:00-09:20	<b>Quality Control of Precipitation Data from Automatic Weather Stations using Central Integration Platform</b> Hela Irha, Maja Piljek, Ana Šantić <i>Croatian Meteorological and Hydrological Service (DHMZ), Ravnice 48, HR-10000 Zagreb</i>	onsite
09:20-09:40	<b>From Manual to Operational: Sustainable Homogenization of Monthly Temperature and Precipitation in Belgium</b> <sup>1</sup> Mel Brehon, <sup>1</sup> Romain Ingels, <sup>1</sup> Laurent Delobbe, <sup>2</sup> Rozemien De Troch, <sup>2</sup> Thomas Muller <sup>1</sup> Royal Meteorological Institute of Belgium <sup>2</sup> Belgian Climate Centre	onsite
09:40-10:00	<b>Automated Homogenisation of monthly precipitation series for France using Climatol</b> Gautier C., Espern-Foucaud Q., Fau R. <i>Météo-France, Direction de la Climatologie et des Services Climatiques</i>	online
10:00-10:20	<b>Poster pitches 3min each</b>	
10:20-10:40	Coffee break	
10:40-11:00	<b>Rescuing the Past: Automated Homogenization of Early Instrumental Records and Its Implications for Historical Climate Reconstruction</b> Elin Lundstad <i>Norwegian Meteorological Institute</i>	online
11:00-11:20	<b>Challenges in homogenizing long series. Two examples from the Balearic Islands.</b> Jose A. Guijarro <i>Retired from the State Meteorological Agency (AEMET, Spain)</i>	online
11:20-11:40	<b>An operational homogenised daily temperature data set in Australia</b> Blair Trewin, Simon Grainger, Alex Evans <i>Bureau of Meteorology, Australia</i>	online
11:40-12:00	<b>Shifting Baselines, Shifting Trends: The Hidden Impact of Global Warming on Percentile-Based Indices</b> Yizhak Yosef <sup>1,2</sup> ; Enric Aguilar <sup>3</sup> ; Pinhas Alpert <sup>1</sup> <sup>1</sup> Department of Geophysics, Tel Aviv University, Tel Aviv, Israel <sup>2</sup> Israel Meteorological Service, Bet Dagan, Israel <sup>3</sup> Center for Climate Change (C3), Rovira i Virgili University, Tarragona, Spain	online
12:00-14:00	Lunch	

14:00-14:20	<p><b>A new blended rainfall database - extending the climatological observations series for UK rainfall using Rainfall Rescue data</b>  Stephen Packman  <i>UK Meteorological Office</i></p>	onsite
14:20-14:40	<p><b>Updates from the Copernicus Climate Change Service Global Land and Marine Observations Database</b>  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><b>A new comprehensive, bias adjusted upper air dataset in the Copernicus Data Store</b>  Ulrich Voggenberger<sup>1</sup>, Leopold Haimberger<sup>1</sup>, Federico Ambrogio<sup>1</sup>, Markel Garcia Diez<sup>2</sup>, Paul Poli<sup>3</sup>  <sup>1</sup><i>University of Vienna, Meteorology and Geophysics, Vienna, Austria</i>  <sup>2</sup><i>Predictia, Santander, Spain</i>  <sup>3</sup><i>ECMWF, Bonn, Germany</i></p>	onsite
15:00-15:20	<p><b>GriSt: Daily 3-km Gridded Climate Fields for Central Europe since 1961</b>  Petr Štěpánek<sup>1,2</sup>, Pavel Zahradníček<sup>1,2</sup>, Agnieszka Wypych<sup>3</sup>,  Agnieszka Sulikowska<sup>3</sup>  <sup>1</sup><i>Global Change Research Institute of the Czech Academy of Sciences, Brno, Czech Republic</i>  <sup>2</sup><i>Czech Hydrometeorological Institute, Brno Regional Office, Czech Republic</i>  <sup>3</sup><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><b>Wind direction interpolation with MISH software</b>  Kinga Bokros<sup>1,2</sup>, Beatrix Izsák<sup>1</sup>  <sup>1</sup><i>Department of Climate Research, HungaroMet Hungarian Meteorological Service, Budapest, Hungary</i>  <sup>2</sup><i>ELTE Eötvös Loránd University, Faculty of Science, Doctoral School of Earth Sciences, Budapest, Hungary</i></p>	onsite
16:00-16:20	<p><b>Culture Walk with Inhomogeneities</b>  Local organizers</p>	onsite
19:00-22:00	Conference dinner at Fióka - Restaurant, Wines, Beers, 1122 Budapest, Városmajor utca 75.	

## 7<sup>th</sup> May, Thursday

**MS Teams link:** <https://teams.microsoft.com/meet/355939140962271?p=D2KXuIvDIaoS18r72z>

**Meeting ID:** 355 939 140 962 271

**PIN code:** z4A29zK9

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

**Posters**  
**6<sup>th</sup> May, Wednesday**

<p style="text-align: center;"><b>Quality Control and Validation System for Phenological Data</b> Ivana Medved <i>Croatian Meteorological and Hydrological Service (DHMZ), Ravnice 48, 10000 Zagreb, Croatia</i></p>	onsite
<p><b>ClimRisk: Climate Projections to 2100 for Europe with a Focus on the Czech Republic</b> Mirek Trnka<sup>1,2</sup>, Petr Stepanek<sup>1,3</sup>, Petr Skalák<sup>1</sup>, Jan Balek<sup>2</sup>, Pavel Zahradníček<sup>1,3</sup>, Jan Meitner<sup>1</sup>, Aleš Farda<sup>1</sup>, Milan Fischer<sup>1,2</sup> <sup>1</sup><i>Global Change Research Institute CAS, Department of climate modelling and scenarios development, Brno, Czechia</i> <sup>2</sup><i>Mendel University in Brno, Institute of Agrosystems and Bioclimatology, Zemědělská 1, 613 00 Brno, Czech Republic</i> <sup>3</sup><i>Czech Hydrometeorological Institute, Kroftova 43, Brno, 616 00, Czech Republic</i></p>	onsite
<p><b>Climate Data Cooperation for Evidence-Based Adaptation in the Danube Region</b> 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><b>New Map Products in Climatological Services on the Webpage of the Slovak Hydrometeorological Institute</b> 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><b>Independent validation of daily precipitation in the Ukrainian gridded climate dataset ClimUAd</b> Vladyslav Sidenko<sup>1</sup>, Olesya Skrynyk<sup>2,1</sup>, Liudmyla Palamarchuk<sup>1</sup>, Dmytro Oshurok<sup>1</sup>, Ihor Kravchenko<sup>1</sup>, Oleg Skrynyk<sup>1</sup> <sup>1</sup><i>Ukrainian Hydrometeorological Institute, Kyiv, Ukraine</i> <sup>2</sup><i>National University of Life and Environmental Sciences of Ukraine, Kyiv, Ukraine</i></p>	onsite
<p><b>Climate monitoring products: AgroClima and DataClima a simple and interactive way to access Drought indicators in Portugal</b> V. Pires, C. Pereira, T. Moura, R. Deus <i>IPMA - Portuguese Sea and Atmosphere Institute, I.P., Portugal</i></p>	online