Welcome to Oslo!

- EUMETNET-DMW-2025
- The 15th EUMETNET Data management workshop

Shaping climate services for the future


Meteorologisk
institutt
Foto: Mai-Linn Finstad Svehagen

About the workshop

The 15th EUMETNET Data Management workshop aims to be relevant to both data providers and data users. All topics related to climate data are covered. The Workshop will have a session for oral presentations as well as a poster session.

Main Topics

- **Data Rescue:** Investigation, cataloguing, digitizing, imaging, use of rescued data.
- **Climate Observations:** standards and best practices. Use of non-conventional data sources.
- **Quality Control and Data Management:** Automation of QC procedures, QC of real-time, gap filling.
- **Data Services:** Archiving and access to climate data products.
- **Homogenisation** of climate data, sub-daily to monthly timescales, homogeneity of gridded climate data.
- **Climate data analysis tools:** Including the use of Machine Learning algorithms and Artificial Intelligence in climate services and climate data management

Norwegian Meteorological Institute

EUMETNET

The 15th EUMETNET
Data management workshop

EUMETNET Data Management Workshop

4–6. November 2025 in Oslo

Shaping climate services for the future

Oslo 4–6 November 2025

Oslo Science Park, Gaustadalleen 21

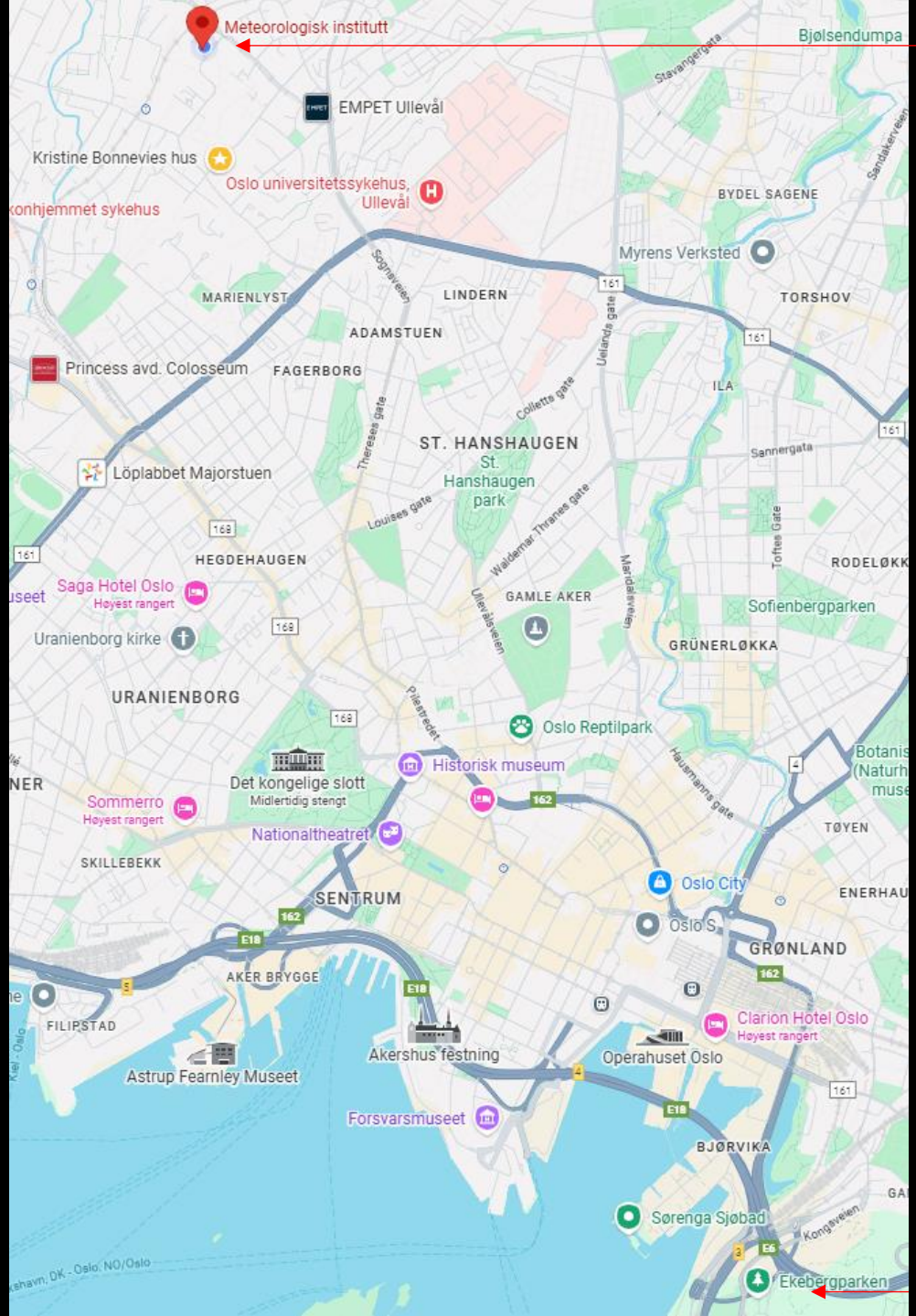
Photo: Olav Helland/Oslo Science Park

Call for Abstracts

Abstracts for posters or oral presentations should be sent to dmw2025@geosphere.at with subject DMW before May 31st. Authors will be informed about acceptance by the Scientific Committee in early September.

The Scientific Committee is Dan Hollis (UKMO), Dubravka Rasol (DHMZ), Ole Einar Tveito (MET Norway), Mónika Lakatos (HungaroMet) and Ingeborg Auer (Austria).

For further details scan this qr code:


Meteorologisk institutt
Bjølsendumpa
EMPET Ullevål
Kristine Bonnevies hus
Oslo universitetssykehus, Ullevål
BYDEL SAGENE
Myrens Verksted
MARIENLYST
LINDERN
TORSHOV
ADAMSTUEN
Princess avd. Colosseum
FAGERBORG
ILA
ST. HANSHAUGEN
St. Hanshaugen park
Løplabbet Majorstuen
HEGDEHAUGEN
Saga Hotel Oslo
Høyest rangert
GAMLE AKER
Sofienbergparken
Uranienborg kirke
GRÜNERLØKKA
URANIENBORG
Oslo Reptilpark
Historisk museum
Det kongelige slott
Midlertidig stengt
Sommerro
Høyest rangert
Nationaltheatret
TØYEN
SKILLEBEKK
Oslo City
SENTRUM
Oslo S
GRØNLAND
AKER BRYGGE
FILIPSTAD
Clarion Hotel Oslo
Høyest rangert
Akershus festning
Operahuset Oslo
Astrup Fearnley Museet
Forsvarsmuseet
BJØRVIKA
Sørenga Sjøbad
Ekebergparken

ELIN LUNDSTAD
COORDINATOR, EUMETNET WORKSHOP

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🌐 WWW.MET.NO

Metro from Forskningsparken to National Theater
Tram 13 or 19 from National teatre (tram) to Ekebergparken

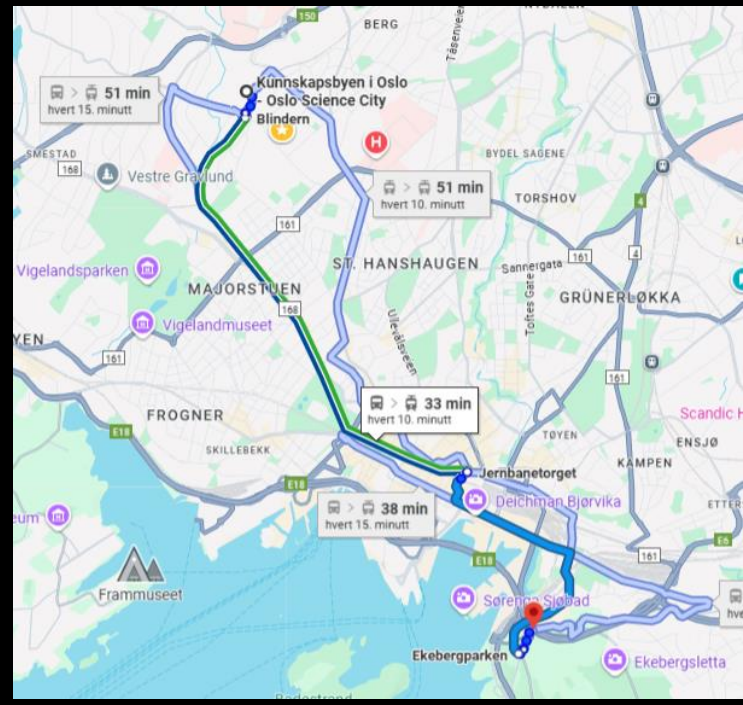
EKEBERG MUSEUM

Adresse / Address:
Kongsveien 23
0193 Oslo

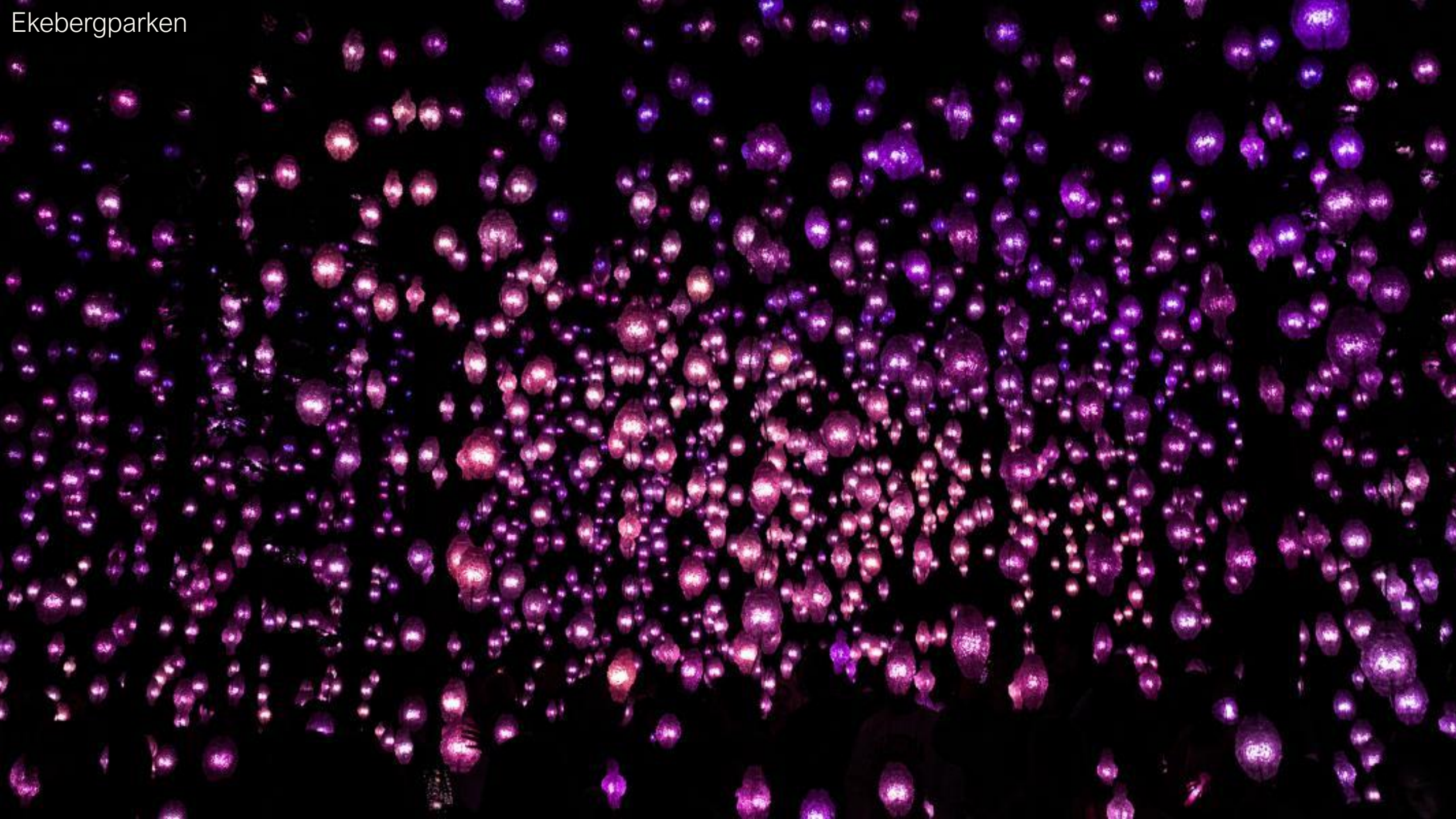
Phone: + 47 21 42 19 19
Office hours: Mon-Fre: 9-16

Ekeberg

Ekeberg's history stretches from the Stone Age, with traces of humans over 10,000 years ago, to modern times, with a past as a farm, pasture and an increasingly popular outdoor recreation area.



Ekebergparken



WHAT TO DO IN CASE OF FIRE

KEEP CALM

IDENTIFY THE SOURCE OF THE FIRE

ELIMINATE FIRE SOURCES

USE THE EXTINGUISHER
Identify this symbol

ACTIVATE THE ALARM

HELP WHO NEEDS IT

USE THE EVACUATION ROUTE

DO NOT USE ELEVATORS

WITH A WET FABRIC COVERS NOSE AND MOUTH

STAY LOW TO AVOID SMOKE INHALATION

OBEY THE INSTRUCTIONS OF TRAINED PERSONNEL

GO TO THE MEETING POINTS
See if someone is missing

FOR DRILLS AND BEFORE A FIRE HAVE PREPARED AND FUNCTIONAL:

Filled Extinguisher

Smoke detector

Water sprinklers

Alert alarms

Medical first aid kit

#getready

MNC · NCM
MESOAMERICA REGION

CALL 911

mesoamericaregion.org


QUESTIONS?

Workshop Programme – Day 1 (Tuesday 4/11)

Time	Name	Affiliation	Title
09:00	Arrival		
10:30		---	---
Chair:	Barbara Chimani	*Geosphere, Austra*	Barbara.Chimani@geosphere.at
10:40	Roar Skaalin	*MetNorway*	Welcome: Official opening
11:00	William Wright	*WMO*	Welcome
11:20	Elin Lundstad /Monika Lakatos	*MetNorway/HungaroMet*	Administrative Aspects
11:30	Alessandro F.G. Ceppi	*AISAM*	The Italian data rescue projects by the AISAM Association
11:50	Agnieszka Wypych	*Department of Climatology Jagiellonian University*	Data Rescue for Assessing Poland's Long-Term Climate Variability
12:10	Ciara Ryan	*Met Éireann*	Data Rescue in Ireland
12:30	Carla Mateus	*Department of Geography Maynooth University*	Data rescue of early historical meteorological observations from Ireland
12:50	Lunch Break		
13:10			
13:30	---	---	---
13:50	Anita Paul	*Geosphere, Austra*	Climate Data Rescue: New centennial station Klagenfurt
14:10	Else van Besselar	*KNMI*	Facilitating data rescue initiatives
14:30	Catherine Ross	*MetOffice*	Avoiding the Gordian Knot – the challenges and potential from an Archives point of view
14:50	Samantha Martins	*NVE, Norway*	Long-Term Evaluation of Zenith Wet Delay Time Series and Its Relationship with Precipitation in the Brazilian Territory
15:10	General discussion to data rescue	---	---
15:30	Coffee Break	---	---
Chair:	Amelie Neuville	*MetNorway*	amelien@met.no
15:50	Mel Brehon	*Royal Meteorological Institute of Belgium*	Homogenization of monthly temperature time series across Belgium
16:10	Beatrix Izsák	*HungaroMet*	Detecting inhomogeneities caused by methodological changes using MASH software
16:30	Peter Domonkos	*Tortosa, Spain*	The ACMANTv6 homogenization method
16:50	General discussion on homogenisation		
17:10	End of the day		

Workshop Programme – Day 2 (Wednesday 5/11)

Time	Presenter	Organisation	Topic
Chair:	Dan Hollis	Met Office	dan.hollis@metoffice.gov.uk
09:00	Francesco Uboldi	*CIMA Research Foundation*	Automatic Quality Control of temperature and relative humidity observations from a high-resolution network composed of institutional and amateur weather stations
09:20	Cristian Lussana	*MetNorway*	Deep Neural Networks for the quality control of meteorological observations
09:40	Gillian Taylor-Walker/Paul Gibb	*MetOffice*	Quality Assurance of extreme observational data
10:00	John O'Sullivan	*Met Éireann*	Reassessing Ireland's monthly air temperature record values using a standardised operating procedure for historical national climate records
10:20	Coffee break	----------	----------
10:40	Laurent Delobbe	*Royal Meteorological Institute of Belgium*	The daily and monthly temperature time series in Brussels–Uccle
11:10	Louise Oram	*MetNorway*	Renewal of Quality Control and Ground Observation Storage at Met Norway
11:30	Maria Mercedes Poggi	*National Meteorological Service of Argentina*	Statistical Procedures for the Evaluation of Parallel Measurements in the Automation of the National Meteorological Service Network of Argentina
11:50	Niko Filipovic	*GeoSphere Austria*	Quality Control of Precipitation Data at GeoSphere Austria
12:10	General discussion on QC		
12:30	Lunch break	----------	----------
12:50	----------	----------	----------
Chair:	Ole Einar Tveito	MetNorway	oleet@met.no
13:30	Morten Wegeland Hansen	*MetNorway*	Structured Management of Dynamic Geodata - Implementation Guidelines Based on the FAIR Principles
13:50	Paul van Schayck	*KNMI*	Unified and uniform access to European in-situ climate observations via the MeteoGate platform
14:10	Dan Hollis	*MetOffice, UK*	Climate Data Storage – simple, consistent and traceable
14:30	Monika Lakatos	*HungaroMet*	Enhancing Climate Data Cooperation for Evidence-based Adaptation Policy Making in the Danube Region
14:50	Coffee break	----------	----------
15:10	Olivier Mestre	*Météo-France*	Clustering and studying evolution of observed hourly rainfall extremes in the south of France
15:30	Albert Aparicio Garcia	*Servei Meteorològic de Catalunya*	Optimizing Climate Services for High-Demand Use Cases: The Experience of the Meteorological Service of Catalonia with Insurance-Related Reports
15:50	Michael Kendon	*MetOffice, UK*	Archiving and access to climate data products
16:10	Johann Dorn	*GeoSphere, Austria*	Hands on WIS 2.0, WIS2.0, GTS, global data exchange
16:30	General discussion on Data Services		
16:50	End of day		

Visit the Ekeberg park + Conference Dinner

Workshop Programme – Day 3 (Thursday 6/11)

Time	Presenter	Organisation	Topic
Chair:	Elin Lundstad	MetNorway	----------
09:30	Ole Einar Tveito	*MetNorway*	A consistent and homogenized climate data set for a high-latitude region in Norway.
09:50	Petr Stepanek	*Global Change Research Institute of the Czech Academy of Sciences*	High-Resolution Homogenized Climate Dataset for Central Europe: Daily Maps at 2 km Resolution for a period 1961 Onwards for Climate Change Analysis
10:10	Esra Karaca	*Turkish State Meteorological Service*	Analysis of Ankara's Sectoral Climate Indices: Agricultural Frost, Hail, Flood, Drought Damages and Protection Recommendations
10:30	Oliver Szentes	*HungaroMet*	Homogenized and gridded daily mean temperature data series from 1851
10:50	Coffee break		----------
11:10	Serhat Sensoy	*Turkish State Meteorological Service*	Analysis of Urbanization Impact of Ankara by Using Sectoral Climate Indices
11:30	Wang Xiaolan	*Climate Research Division Environment and Climate Change Canada*	Observed trends in precipitation extreme indices as inferred from a homogenized daily precipitation dataset for Canada
11:50	Agnieszka Wypch	*Department of Climatology Jagiellonian University*	Methodological Evaluation of Temperature and Precipitation Extremes in Central Europe Using Gridded Observation Datasets and Reanalysis Products
12:10	Francesco Cavalleri	*Università degli Studi di Milano*	Reanalysis Datasets for Climate Services in Italy: Validation and Inter-Comparison
12:30	Lunch break		----------
12:40			
13:00	----------	----------	----------
Chair:	Cristian Lussana	MetNorway	cristianl@met.no
13:30	Amelie Neuville	*MetNorway*	Advancements in Precipitation Observations Preprocessing for MET Nordic Version 4 (try to move to the slots of Sebastian Carpentari)
13:50	Jose Guijarro	*AEMET (Current status: Retiree)*	Detection and correction of the weekend effect in daily precipitation series
14:10	Kinga Bokros	*HungaroMet*	Interpolation of Wind Variables Using the MISH Software: A Data-Driven Climatological Approach
14:30	Lars Magnus Joelsson	*SMHI*	Gap filling of Swedish snow depth observations for climate normal value calculations
14:50	General discussion on Analyses and Tools		
15:20	General discussion on next DMW (2027)		
15:40	Final coffee	----------	----------

Workshop Posters

Session: From Tuesday-Thursday

Presenter	Affiliation	Poster Title
Elke Rustemeier	*DWD*	Overview of the gridded daily and monthly precipitation data sets provided by the Global Precipitation Climatology Centre (GPCC)
Hela Irha	*Croatian Meteorological and Hydrological Service*	Stations' Quality Estimate based on the Comparison of Original and Corrected Climate Data
Klara Cizkova	*Global Change Research Institute CAS*	Determination of solid precipitation occurrence using ALADIN model outputs
Maria Yolanda Luna Rico	*AEMET*	Strategic Alliance for the Development of Climate Services in Spain between AEMET and CSIC
Sondors Raitis	*SLLC "Latvian Environment, Geology and Meteorology Centre"*	Comparison of NORDLIS sensor network data with observer data in Latvia from 2005 to 2018
Stanislava Kliegrova	*Czech Hydrometeorological Institute*	Neural Network Postprocessing of Long-Range Temperature Forecasts in the Czech Republic