

Final Agenda
CA20108 FAIRNESS Workshop
Barcelona, Spain
5th – 6th September 2024

MEETING ADDRESS:

OneCoWork Catedral
Avenida de la Catedral 6, First Floor
Barcelona 08002
Spain

MEETING TIME: Defined based on Central European Summer Time - CEST (GTM+2)

TITLE: **Exploitation of Mapping, Modelling, and Micrometeorological
Data Based Applications**

Thursday, September 5, 2024

14:00 – 18:00 h

“Exploitation of Mapping, Modelling, and Micrometeorological
Data Based Applications”

Join Zoom Meeting

<https://us06web.zoom.us/j/81966639612?pwd=89vcaXL2q1QF3kPlaij92HKtigV8XX.1>

Meeting ID: 819 6663 9612

Passcode: 748446

14:00-14:30

Workshop opening &

Micrometeorological measurements and data management as transferrable skills

Branislava Lalić

14:30-14:50

Microclimatic conditions for crops within an Agro-PV System in Austria

Josef Eitzinger

14:50-15:10


Adjustment of climate series from the automatic weather station to ensure continuity of long-term climate datasets from manual measurements

Pavol Nejedlík

15:10-15:30

Gap-filling and quality control in biometeorological modelling: overview of best practices

Mina Petrić

15:30-16:00 Coffee break 

16:00-16:15

Challenges and Opportunities in Offshore Wind Measurements

Fatih Karipoglu

16:15-16:30

Spatial Identification of Climate Shelters: Leveraging Micrometeorological Data for Strategic Placement

Claire Gallacher

16:30-16:45

Investigate the Impact of Climatic Conditions on the Building Energy Performance of Low-income Housing in Jordan

Nowf Omer Maath

16:45-17:00

Estimation of long-term population exposure to PM2.5 for Cairo (Egypt) dense urban areas using 1-km MODIS data

Gamil Gamal

17:00-17:15

Urban Geometry and Microclimate of Street Canyons in Cold Semi-Arid Climate

Basak Ilknur Toren

17:15-17:30

The Role of Micrometeorological Data in Precision Irrigation and Crop Simulation in Varied Serbian Climates

Aleksa Lipovac

17:30-17:45

Role of support irrigation in managing the variability of broad bean yields in response to climatic and micro-climatic conditions

Davide Rapinesi

17:45-18:00

Reserved for the case of additional participant

Friday, September 6, 2024

09:30 – 17:00 h

“Exploitation of Mapping, Modelling, and Micrometeorological
Data Based Applications”

Join Zoom Meeting

<https://us06web.zoom.us/j/87051605356?pwd=yDYvFmtn8K5MHV9dWosqEwWN85c1ya.1>

Meeting ID: 870 5160 5356

Passcode: 989287

09:30-09:45

Understanding Urban Microclimate Changes in Megacity Dhaka Amidst 2022 Building
Construction Regulation Changes

Tania Sharmin

09:45-10:00

Relationship between Urban Geometry and Thermal Comfort: Case of Ankara

Idil Kanter Otçu

10:00-10:15

Managing Bioclimatic Comfort Based on Micrometeorological Data in Nature Parks with
High Tourism Potential

Turgay Dindaroglu

10:15-10:30

Correlation between increasing average temperature and increasing sultry days in one
of the hottest places in Slovakia

Kristína Szabóová

10:30-10:45

Derivation of water vapor from GNSS Radio Occultation Observation Over Turkey

Emine Tanir Kayikci

10:45-11:15

Coffee break



11:15-11:30

Low-cost network of meteo stations for urban microclimate and air quality monitoring

Visa Tasić

11:30-11:45

Optimal Meteorological Network Design for Agriculture based on Agroclimatic zoning methodology and geostatistical analysis

Marios Spiliotopoulos

11:45-12:00

Joint application of local measurements and public meteorological datasets for agrometeorological and air pollution purposes

Tamas Weindinger

12:00-12:15


Microclimate monitoring in pedunculate oak stand in Serbia

Zoran Galić

12:15-12:30

Measuring soil and near-surface air temperature in Estonia

Merko Kärp

12:30-13:30 Lunch break 

13:30-13:45

Refining raw data to FAIR biological and micrometeorological data in plant protection

Milena Marčić

13:45-14:00

Micrometeorological monitoring of Slovak fir-beech old-growth forests: current use in ecological research

Peter Marčiš

14:00-14:15


Contrasting Seasonality: A Comparative Analysis of Plant Phenology Responses in Urban and Rural Environments

Ana Firanj Sremac

14:15-14:30

Cyprus GNSS (Global Navigation Satellite System) Meteorology Enhancement

Christina Oikonomou

14:30-15:00 Coffee break 

15:00-15:45

Historical Shifts and Projections with CIMP6 Experiments for Köppen-Geiger Climate Classifications in Iberia, Greece, and Cyprus

Anastasia Paschalidou

15:45-16:00

From imputation to data fusion: the long way of micrometeorological data towards quality-of-life service provision

Konstatinos Karatzas

16:00-16:15

The effect of high temperatures on the Evapotranspiration, growth, and yield in processing tomatoes

Filiberto Altobelli

16:15-16:30

Suitability of reference weather data for the development of multiple linear regression models to predict two important grapevine pest Lepidoptera in Austria

Kerstin Kolkmann

16:30 – 16:45

Microclimatic conditions within apple trees of different canopy structure

Sabina Thaler

16:45 – 17:00 Workshop closing
