



FAIRNESS

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Agenda

COST CA20108 Conference
**“Advancing FAIR Data and Standardization in
Micrometeorological and Environmental Networks”**
GM and MC meetings

Time: 8-9 April 2025
Venue: University of East Sarajevo
Stefana Nemanje 5
71123 East Sarajevo
Republic of Srpska
Bosnia and Herzegovina

Program

April 8, 2025

Online 8:15 Local time, Meeting ID 869 3075 8104

<https://us06web.zoom.us/j/86930758104?pwd=REVjRLykg4srAU7Na626ytfplw8Qlg.1>

8:30-9:00 Welcome address (5min)
Chair Lalic B. FAIRNESS Results (25 min)

9:00-10:30 Session I: Networking and Communication + Session II
(6 presentations x 15 min)

- 9:00-9:15: **Dindaroglu T.** Forest Micrometeorology Networks: A Strategic Framework for Multidisciplinary Collaboration
- 9:15-9:30: **Savić S.** Advancing urban climate monitoring: Fostering multidisciplinary collaboration among institutions in Southeast Europe over the last decade
- 9:30-9:45: **Kaasik M.** A rural tall-mast eddy covariance dataset for multi-purpose use

- 9:45-10:00: **Spiliotopoulos M.** Application of WRF - ARW model at a small grid size of 1X1 km for forecasting micro weather parameters at Volos city, Greece
- 10:00-10:15: **Roantree M.** Gap Filling: Building a MetaLearner for Python's Interpolation Functions
- 10:15-10:30: **Rozenstein O.** Improving satellite-based actual evapotranspiration estimations using data from local weather stations

10:30-11:00 Coffee break

11:00-12:30 Session II: Development and Implementation

(6 presentations x 15 min)

- 11:00-11:15: **Firanj Sremac A.** Seasonality of Central European Forests – Results from Case Study 2
- 11:15-11:30: **Vasić M.** Monitoring Thermal Variability in Urban Spaces: Assessing the Impact of Infrastructure on Urban Temperature Patterns
- 11:30-11:45: **Lehnert M.** Monitoring of microclimatic parameters in Prague, Czechia: Critical assessment of research sites and evaluation of temperature measurements for 2023–2024
- 11:45-12:00: **Sharmin T.** The impact of urban morphology on PM2.5 concentration under the LCZ scheme: A case study of Dhaka and Cardiff
- 12:00-12:15: **Sharmin T.** Enhancing Public Health Preparedness: A Heat-Health Survey in Cairo, a Hot Desert Megacity
- 12:15-12:30: **Tanir Kayıkçı E.** Long Term Air Pollution Forecasting with PM10 and PM2.5 by Using Deep Learning-based Approach in city of Trabzon, Türkiye

12:30-14:00 Lunch

14:00-15:00 Session II + III: Dissemination and Application

(4 presentations x 15 min)

- 14:00-14:15: **Eren Z.** The effect of urban morphology of Erzurum City on PM2.5 concentrations based on the Local Climate Zone (LCZ) classification
- 14:15-14:30: **Saue T.** Start Them Young: Bridging Theory and Practice by Integrating GLOBE Protocols with Climate Education Tools in an Estonian School
- 14:30-14:45: **Galić Z.** Microclimate monitoring in sessile oak (*Quercus petraea*) stand in Serbia
- 14:45-15:00: **Eitzinger J.** Impact of selected Agri-PV Systems on microclimatic crop growing conditions and crop yield

15:00-16:00 Online presenters (10 min) + Coffee break

- **Oikonomou C.** Investigation of Precipitable Water Vapor and heavy rainfall relationship over Cyprus
- **Gamal G.** Urban Heat Extremes in Cairo, Egypt: Analyzing the 2022 Heatwave Event and its Environmental Impacts
- **Gamal G.** PM2.5 Hotspots in a Megacity: Exploring the Impact of Urban Morphology in Cairo, Egypt Using LCZ Classification

April 9, 2025

Online 8:15 Local time, Meeting ID 871 1069 7139

<https://us06web.zoom.us/j/87110697139?pwd=bvst7qaPY7qYuaS9yFbcbjNzNliH2m.1>

8:30 - 9:30 GM Section I

9:30-10:30 Session III: Dissemination and Application

(4 presentations x 15 min)

- 9:30-9:45: **Stjepanović S.** The influence of spring and summer air temperatures and rainfall on the growth of European beech trees (*Fagus sylvatica*) in Lopare
- 9:45-10:00: **Şaylan L.** Determination of CO₂ fluxes of canola plant using Eddy Covariance micrometeorological method
- 10:00-10:15: **Eren Z.** An Investigation on UHI of Erzurum City by Evaluating Micrometeorological Measurements and Global SUHI
- 10:15-10:30: **Nejedlik P.** Heavy rain intensity data application used at the local scale

10:30-11:00 Coffee break

11:00-12:30 Session IV: Beyond FAIRNESS Strategies

(6 presentations x 15 min)

- 11:00-11:15: **Zacharis T.** Beyond FAIRNESS: Strategic Pathways for Global Synergies and Sustainable Data Practices
- 11:15-11:30: **Gallacher C.** The role of entrepreneurship and innovation in advancing and sustaining FAIR micrometeorological research
- 11:30-11:45: **Karipoglu F.** Challenges and Opportunities in Wind Measurements
- 11:45-12:00: **Weidinger T.** Construction of a Climate Dataset for Long-Term Forest Site Investigations in Central Slovakia
- 12:00-12:15: **Paschalidou A.K.** Temporal trends in temperature-related mortality in the eastern Mediterranean region: Evidence for maladaptation to heat and cold
- 12:15-12:30: **Tunguz V.** Climate dryness risk

12:30-14:00 Lunch

14:00-16:00 GM Section II, MCM