

FAIRNESS Summer School 2023

Analysing urban microclimate data: from sensor to science



Urban microclimate measurements are valuable, but dealing with them poses challenges. During this summer school “**Analysing urban microclimate data: from sensor to science**” participants will go through all the necessary steps to analyse their own dataset.

When and where?

The summer school will be held at **Ghent University (Belgium) from Monday, July 3 till Friday, July 7 2023.**

COST Action FAIRNESS

This summer school is organised in the context of the FAIRNESS (FAIR NETwork of micrometeorological measurements) COST Action CA20108. For more information on this action and how to join, visit <https://www.fairness-ca20108.eu> .

Topics of the summer school:

The aim of this summer school is to support the participants in processing and analysing their urban microclimate dataset. We will give priority to participants who bring their own urban dataset. Both, already well-studied and urban datasets not yet quality-controlled including gaps, are welcome.

The summer school includes hands-on work on the following topics:

- quality control and gap filling of urban meteorological data
- mapping the environment around your station
- from observations to an urban heat island analysis
- comparing urban observations with urban climate model data

The summer school focuses on **hands-on exercises with your own dataset**. The program also includes lectures, an urban climate walk in the city of Ghent and an excursion to the Royal Meteorological Institute of Belgium in Brussels. A more detailed program will follow later.

How to apply?

The participation is open for PhD students, post-docs and early career scientists from COST member countries and will be reimbursed by the COST action. To apply, you should send your CV, including your basic skills as well as a motivation letter. You can apply **by email till 14/04/2023 to the summer school scientific coordinator (Prof. Steven Caluwaerts:**

steven.caluwaerts@ugent.be). It is very important to share information on the urban climate dataset that you want to work on. The committee will give priority to candidates who have an urban dataset to work on (ideally the dataset is already included on the Micromet KSP (https://www.fairness-ca20108.eu/micromet_ksp/)).

No urban dataset? You can still be selected if there are places left.

A **decision on your participation** will be made by **01/05/2023**. In case you will be selected by the organisation committee, further information will be provided.



You have urban data and you would like to progress in analysing the dataset? Please do not hesitate to apply! We are looking forward to welcoming you this summer in Ghent!