

Science Communication - update

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CA20108 - FAIRNESS



Funded by
the European Union



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FAIRNESS-COST SS1



cost_fairness FAIRNESS-COST: CA20108 SS1 Summer School, Volos 2022: Training in the identification and overcoming of common gaps in measured micrometeorological data; gaps in the organization of measurements, data assimilation, and management. Identification of transferable skills in measurement planning and implementation challenges (creative thinking and problem solving) within an interdisciplinary approach. Practical urban measurements in a unique land-sea interface site 😊 #fairness #cost #ss1

12w

FAIRNESS-COST social media: update

WS1



cost_fairness FAIRNESS project, COST action - This week the Workshop is happening in Riga (Latvia). Presenting guidelines for stakeholders and planning activities for the second project year.

1w

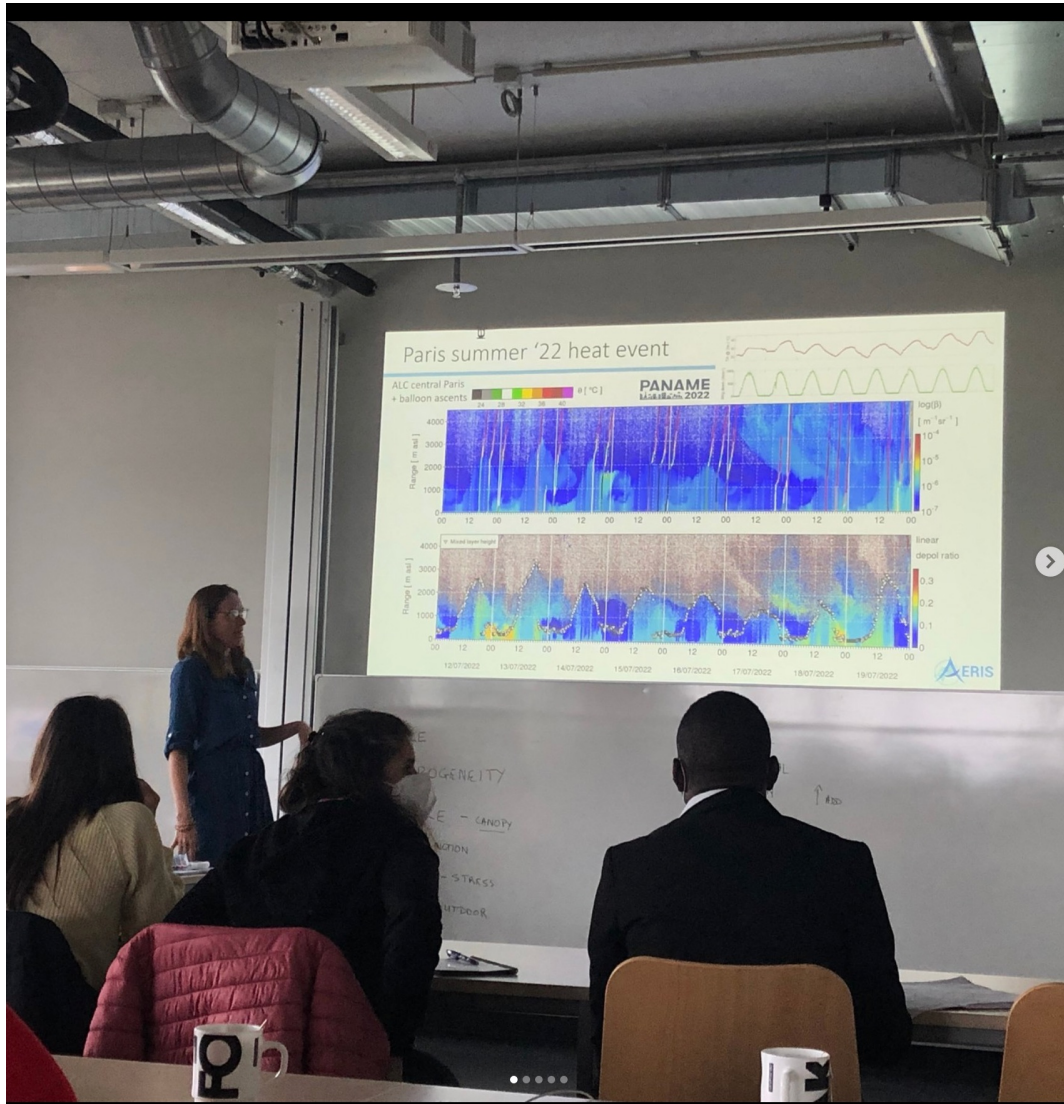
FAIRNESS-COST social media: update



cost_fairness When ERASMUS meets FAIRNESS (COST Action - CA20108; Faculty of Agriculture, Novi Sad) [#fairnesscost](#)

5d

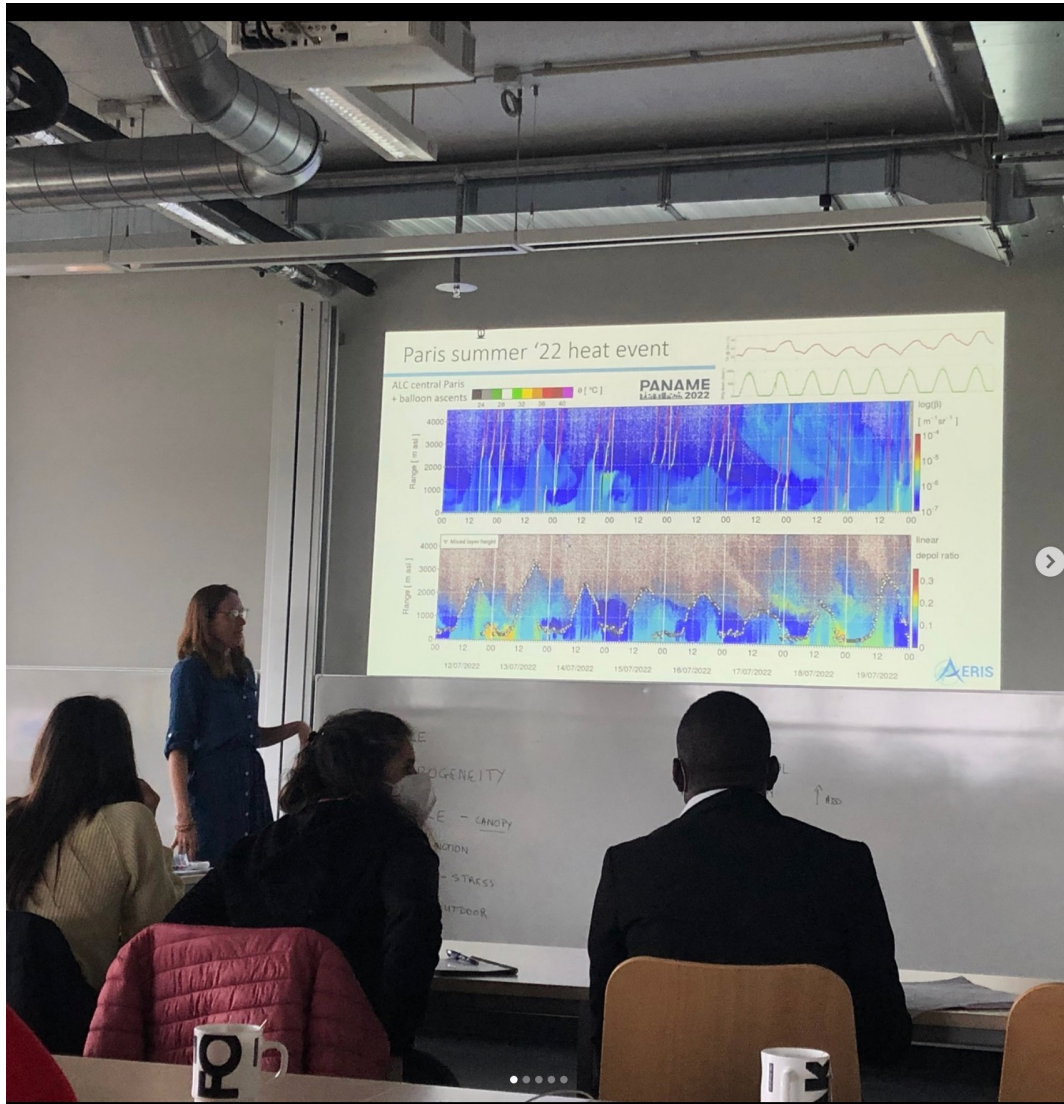
FAIRNESS-COST social media: update



cost_fairness Last week from 26 to 29 September, Bochum Urban Climate Summer School (BUCSS22) took place at Ruhr-University Bochum (Germany). Many interesting topics were covered from urban metabolism, urbanization and climate change, satellite & ground based remote sensing, to urban climate informatics, and many more. Hands on experience helped students get in touch with Google Earth Engine, WRF modeling, QC of crowdsourced data. What made this school special are people and network established and we are looking forward to future collaboration.
[#fairnesscost](#) [#bochum](#) [#bucss22](#)

4d

FAIRNESS-COST social media: update



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4d

FAIRNESS-COST social media: update

COST Action "FAIR network of micrometeorological measurements - FAIRNESS" press release 27-03-2022

COST Action to develop the first pan-European FAIR network of micrometeorological measurements

In October 2021, the *European Cooperation in Science and Technology* (COST) has awarded four years (2021-2025) of funding to the "FAIR network of micrometeorological measurement" (FAIRNESS) Action to increase readiness, support knowledge-exchange and foster a strong background for future research focused on micrometeorological monitoring and the results of micrometeorological assessments, as well as improving data access through establishing the first pan-European Micrometeorological database. [The action will support breakthrough scientific discoveries and strengthening Europe's research and innovation capacity.](#)

A critical component of assessing trends and effects of climate change and extreme weather events on the environment and underlying ecosystems at all spatial and temporal scales is the availability of reliable and sufficient knowledge of environmental conditions or processes on a sub-grid level (below 1 km) which is derived from micrometeorological and microclimatological data. This information is lacking in well-established synoptic and satellite data [sources](#), and is necessary for addressing the meteorological conditions of microenvironments.

This work in this Action will be directed toward establishing the first European micrometeorological knowledge share platform with a focus on several key aspects and activities: (i) compiling an exhaustive inventory of existing in-situ micrometeorological data; (ii) defining protocols and recommendation for guided data collection and management geared towards maintaining data fairness, avoiding temporal and spatial gaps; (iii) curating and maintaining complete datasets of key variables from rural and urban micrometeorological records to be used for modelling and sector-specific assessment studies in relevant agriculture, forestry and health applications.

An underlying aim of the FAIRNESS-COST action, through developing the knowledge share platform, is building reliable synergies between researchers, decision-makers, and stakeholders, improving on existing methods in micrometeorological data collection and monitoring, and continuously integrating new members from Europe and farther, thus widening the spatial and transdisciplinary scale of the Action.

The action is open to the inclusion of all interested participants following the approval of the management committee.

Are you interested in joining? You can submit your application at the following link:

<https://www.cost.eu/actions/CA20108/#tabs+Name:Working%20Groups%20and%20Membership>

For more information see: <https://www.cost.eu/actions/CA20108>

Action Chair: Branislava Lalić, PhD
Faculty of Agriculture, University of Novi Sad
Dositej Obradovic SQ. 8
21000 Novi Sad
Serbia

For any questions, please contact: fairness.cost.info@gmail.com

FAIRNESS-COST press releases:

- National contact and language
- Channels
- Planning

COST Action website

- Communication with website manager:
- Tools: video, infographics, figures, brochures ...
- Channels: Media, social media, conferences, WS, SS, ...
- Scientific publications/Open Access: XX
- Communication strategy: MoU objectives/communication strategy and plan
- Target audience: Academia, local/national/EU authorities, other researchers, regulatory bodies, SMEs, industry, associations etc.
- Communication goal: Inform, advise, influence, engage

[f](#)
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COST Action CA20108

FAIR NETwork of micrometeorological measurements



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Micromet_KSP

News

- [COST Academy webinars](#)
- [Workshop WS1 – Riga, 2022](#)
- [CA20108 FAIRNESS – How to contribute?](#)



[Summer school in Volos](#)

Useful links

- [e-COST login](#)
- [Sciencebusiness/Climate](#)
- [News](#)
- [Serbia for EXCELL](#)

About Action 3

Start date: 14/10/2021

End date : 13/10/2025

[FAIRNESS Action details on COST website](#)

The FAIRNESS action intends to improve standardization and integration between databases/sets of micrometeorological measurements that are part of research projects or local/regional observational networks established for special purposes (agrometeorology, urban microclimate monitoring).

FAIRNESS



Europe

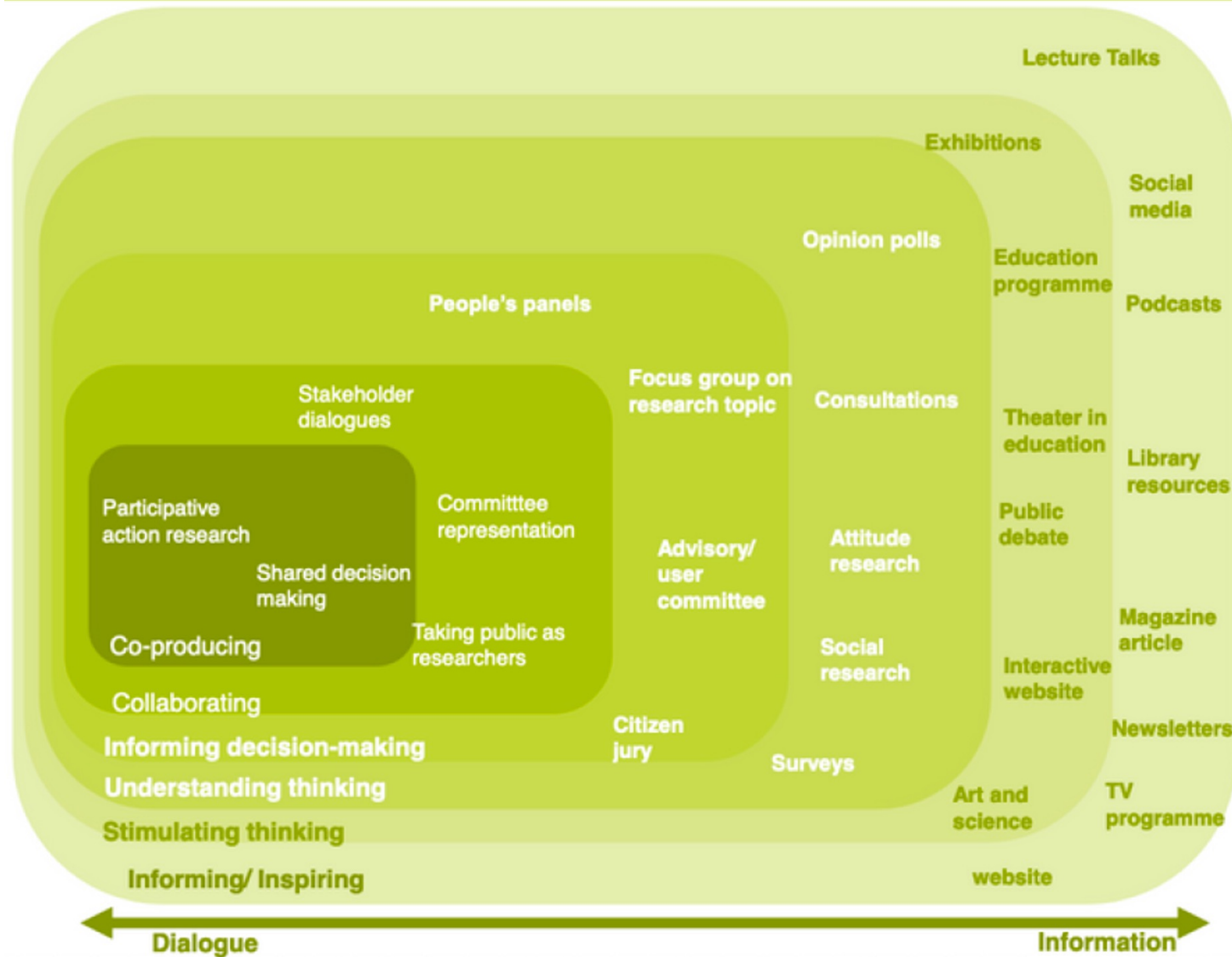
- COST Full Members
- Full Members
- Inclusiveness Target Countries
- COST Near Neighbour Countries

World

- COST Cooperating Member

4

The Public Engagement Onion



- Target groups
- Responsibilities
- Primary communication tools
- AOB

Open Research Europe

- <https://open-research-europe.ec.europa.eu>



Benefits for Researchers

- Optional service with no author fees, no administrative burden and automatic compliance with open access requirements.
- Submissions published rapidly as preprints after a set of thorough prepublication checks.
- Transparent peer-review: authors suggest appropriate reviewers and engage in an open and public dialogue with their peers.



Benefits for Research

- Rapid open access publication enables others to build upon new ideas right away, wherever and whoever they are.
- Removes obstacles to collaborative research through data sharing, transparency and attribution.
- Shifts the way research and researchers are evaluated by supporting research assessment based on the intrinsic value of the research rather than the venue of publication.



Benefits for Society

- Maximises the value and impact of Horizon 2020, Horizon Europe and Euratom projects by enabling publication of all aspects of Commission funded research.
- Makes research results fully open access, freely available and fully text and data minable for researchers as well as citizens.
- Accelerates the progress of research meaning new insights, innovations and treatments become available to those who need them more rapidly.

In summary

- Sharing results with neighbouring communities, internal and external stakeholders
 - Sharing knowledge with specific target groups, industry, standardization bodies etc.
 - Building new connections within and outside FAIRNESS-COST
 - Providing advice on public policies and influence the decision making process
 - Educate and inform
 - Don't forget to include the EU-COST logo!
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- Questions?