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CLIMATE SERVICES VISUALISATION WORKSHOP

Barcelona Supercomputing Center
Centro Nacional de Supercomputación

Aim of the workshop

Discuss different aspects on the visualisations used for climate services and to produce a publication on the current practice and future recommendations

- **Preparatory meeting of the climate services network of projects** : break-out group discussions (2 November)
- Visualisation workshop during the Climateurope webstival: highlights of break-out groups + open discussion (19 November)

Participating projects

S2S4E (H2020)

Seasonal Hurricane Predictions

MED-GOLD (H2020)

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Structure of the session

- 4 break-out groups
- 4 discussion blocks of 15 min each = 1hour
- Questions on climate services visualisation - to discuss during the 15-min discussion blocks

Your role:

- Discuss questions indicated by the facilitator in your group
- (optional): add notes to the miro board

New grid

QUESTION 1 **COMMUNICATING PROBABILITIES** Which are stakeholders' preferences for displaying probabilities? (e.g. averages, extreme values, anomalies, terciles, etc.). Did you need to adjust the visualisation of probabilities in your project according to stakeholders' feedback? how?	**QUESTION 2** **COMMUNICATING UNCERTAINTY** Is uncertainty shown in your visualisation? How? Why? (e.g. requested by stakeholders)

New grid

QUESTION 3 **DEFINITION OF VISUALISATION** What do you understand by visualisation in climate services? Do you think a PDF could be considered a visualisation?	**QUESTION 4** **INTERACTING WITH THE VISUALISATION** Is it useful to have a ‘progressive disclosure of information’ (dosifying the amount of information initially presented to users)? Can filtering options help to enhance user experience?

New grid

QUESTION 5 TERMINOLOGY	QUESTION 6 LANGUAGE	QUESTION 7 'FAILURE' STORIES
To what extent choosing the right technical terminology was relevant in your visualisation? (e.g. skill, uncertainty, anomalies, etc.). Give examples of how terminology is adjusted in favour of understanding by non-climate experts.	English vs local languages. To what extent is language relevant? Are you presenting your visualisation in the local language of stakeholders?	Which aspects of the visualisation did not work when presented to stakeholders? How did you solve it?

New grid

QUESTION 8 **MULTIDISCIPLINARITY** Have you put a multidisciplinary approach into practice when developing your climate service visualisation? (e.g. involving climate scientists, designers, experts in user experience, social scientists, communication experts, etc.). Give details.	**QUESTION 9** **RECOMMENDATIONS** Give your main recommendations to create a climate service visualisation.

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Other relevant topics

Are there any other topics that we missed in the discussion but that you consider relevant for the visualisation of climate services?

Add them here!

Final remarks

- **THANKS FOR YOUR PARTICIPATION!**

- The results of the breakout group discussions will be available here. **Feel free to add other sticky notes if you still have ideas**

- The main outcomes will be presented during the **Climateurope Webstival**. To attend, you can register at https://www.climateurope.eu/

- We will keep you informed about the Climateurope publication on synthesis and recommendations, where you can participate as contributor