

Office for Climate Education

Météo France

Climate Education Summer University

18th - 22th of July, 2022





Location:

Météo France - Centre international de conférences

42 avenue Gaspard Coriolis, 31057 Toulouse, France (GPS: 43.57755369308831, 1.376670626631787)



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PROGRAM FOR THE WEEK

MONDAY - 18TH OF JULY

9:00-9:30 - OPENING SESSION

METEO FRANCE

9:30-10:15 - THE ESM2025 PROJECT

METEO FRANCE

10:30-13:00 - CLIMATE CHANGE AND GREENHOUSE EFFECT

APURVA BARVE (OCE) - ROMAIN TORRES (MF-CNRM)

During this workshop, participants will learn through an inquiry based approach, what is the greenhouse effect and how it can lead to climate change.



14:00-17:00 - BIODIVERSITY, CLIMATE CHANGE AND CITIZEN SCIENCES

MATHILDE TRICOIRE (OCE) - BASTIEN CASTAGNEYROL (INRAE)

Participants will learn about the impacts of climate change on biodiversity through role play. Presentation of the "Oak Bodyguards" citizen science European projects.

17:15-18:00 - PROJECTS PRESENTATION

TUESDAY - 19TH OF JULY

9:00-12:00 - CARBON CYCLE AND CLIMATE CHANGE

APURVA BARVE (OCE) - COLIN JONES (MET OFFICE) - ROLAND SÉFÉRIAN (MÉTÉO FRANCE)

During this workshop, participants will learn through serious games, about the natural carbon cycle and how human activities are changing it.



13:30-14:30 - PROJECTS PRESENTATION

14:30-17:30 - FROM EMOTIONS TO ACTION

MATHILDE TRICOIRE (OCE) - ÉLISE YONNEAU (ASSOCIATION BILAN CARBONE)

Participants will explore emotions related to climate change, and what may reduce the capacity to act. They will learn more about implementing solutions inspired by the Clicks'On European project.





PROGRAM FOR THE WEEK



WEDNESDAY - 20TH OF JULY

9:00-12:00 - OCEAN AND CLIMATE

JESSICA VIAL (OCE) - ROBIN WALDMAN (MF-CNRM)

During this workshop, participants will experiment inquiry-based pedagogy by carrying out different experiments to understand key ocean-related climate feedbacks and climate change impacts on the ocean and its biodiversity, such as sea-ice melting, sea level rise, ocean acidification, etc.

LUNCH



13:30-17:30 - VISIT TO THE NATIONAL FORECASTING CENTER

THURSDAY - 21TH OF JULY

9:00-12:00 - CLIMATE CHANGE AND CRITICAL THINKING

MATHILDE TRICOIRE (OCE)

Why are the IPCC reports more trustful than other resources regarding climate science? What are the strategies used by climate change deniers? How can teachers help develop critical thinking skills with their students? All the answers to these questions, participants will find them during this workshop.

LUNCH



13:30-14:30 - PROJECTS PRESENTATION

14:30-17:30 - CLIMATE MODELING

JESSICA VIAL (OCE) - ROLAND SÉFÉRIAN -MAYA COSTANTINI (MÉTÉO FRANCE)

This workshop builds upon the previous science workshops. Participants will start thinking and discussing the different characteristics of climate modeling.

FRIDAY - 22TH OF JULY

9:00-12:00 - RESOURCES PRODUCTION ON CLIMATE SIMULATION

Participants will help develop resources about climate simulation.

LUNCH



14:00-15:00 - RESOURCES PRESENTATION AND WG CONSTITUTION

OCE

This session will also participants to discover the OCE resources, as well as encouraging them to get involved in a working group.

15:15-16:00 - SUM UP AND CONCLUSION OF THE WEEK

Final session of the week!

