

Preliminary Program:

OCE's International seminar on Climate Change Education

Context:

Facing climate change, a considerable and extensive effort is needed to ensure that young generations are able to understand the stakes of climate change and take action in order to protect them from prejudice, ideology or irrational thinking, and prepare them to live in a changing world.

The Paris Agreement (UN, 2015) stated that “Parties should take measures ... to enhance climate change education” (Art. 12). This objective is particularly in line with UNESCO strategies and programs, as well as UN Sustainable Development Goals (SDGs, especially SDG 4: quality education and SDG 13: climate action).

Yet implementing climate change education was not much of a priority, despite the importance for learners to understand and address the consequences of current global warming, while encouraging positive changes in attitudes and behaviors needed to get our world on a more sustainable path in the future.

Climate change education, which takes place in primary and secondary schools, requires a multidisciplinary approach involving traditional scientific subjects, as well as humanities and social sciences, and should be action oriented. Teachers, whose role is absolutely essential to the success of such an educational project, need, worldwide, to be accompanied by the support of quality pedagogical resources as well as professional development.

In this context, the Office for Climate Education and the Foundation *La main à la pâte* decided to devote the next session of the *La main à la pâte*'s annual international seminar on science education to the topic of climate change education.

This international seminar on climate change education will be organised in Paris, in January 2022.

Aims

- facilitate a dialogue between stakeholders, scientists and educators on climate change education (CCE);
- share best practices on CCE: inquiry-based and project-based learning, interdisciplinarity, educational resources, teachers' professional development, curriculum design, etc.
- facilitate cross-collaborations to implement CCE projects, especially in Southern countries.

Structure

1 week of conferences, workshops and field-visits in France. Most of the seminar will take place in Paris. Some activities will be held in Paris (at UNESCO), or in Nogent sur Oise for class visits.

Public

Public: Pairs composed of an educator and an institutional officer from different countries across the globe, with a focus on developing countries and the global South. We aim to welcome 50 participants, as well as organisers from the OCE team and guest speakers.

General information

- Dates: **from the 17th to the 21st of January 2022.**
- The whole meeting will be in English (with no translation, except a French-to-English translation during class-visits).
- Participants' accommodation on half board (accommodation, breakfasts and lunches) as well as local transportations will be covered by the OCE. National / international travels as well as dinners will be at the expenses of participants' organisations.

Program

The seminar will alternate plenary sessions and workshops in small groups (3 groups in parallel).

Sunday evening:

Optional: welcoming shared dinner

Monday			
10h - 12h	Opening session, welcoming remarks, and scientific conference at the Academy of Sciences		
12h - 13h30	<i>Lunch at the French Academy of Sciences</i>		
14h - 17h	Inquiry based pedagogy workshop (1)	Inquiry based pedagogy workshop (2)	Inquiry based pedagogy workshop (3)
17h15-18h	Sum-up all and wrap-up on the activities Preparation of class-visits		
18h -	Free time		
Tuesday			
8h - 10h	Trip to Nogent-sur-Oise		
10h - 12h	Presentation by the <i>La main à la pâte's</i> pilot centre of Nogent-sur-Oise and its climate change education projects		
12h - 13h30	<i>Lunch</i>		

13h30 - 16h	Class visits (by groups of 5 - 6 persons) and exchanges with teachers		
17h - 18h	Back to Paris		
18h -	Free time		
Wednesday			
9h - 12h	WORKSHOP 1 Project-based teaching and learning	WORKSHOP 2 Climate and critical thinking	WORKSHOP 3 Networking
12h - 13h30	<i>Lunch</i>		
13h30 - 17h30	WORKSHOP 1 Production of pedagogical resources	WORKSHOP 2 Eco-anxiety	WORKSHOP 3 Strategic planning ½
18h -	Free time		
Thursday			
9h - 12h	WORKSHOP 1 Build a Teacher professional development on CCE	WORKSHOP 2 Build distant Teacher professional Development on CCE	WORKSHOP 3 Including CC in national curricula
12h - 13h30	<i>Lunch</i>		
13h30 - 15h	Poster session Presentation of local, national or international CCE projects, resources or initiatives.		
15h - 15h30	Plenary conference: Presentation of IPCC-based pedagogical resources on CCE		
15h30 - 16h30	Plenary conference: obstacles and recommendations for CCE		
18h - all night	Gala dinner Boat tour of the Seine River by night and gala dinner		
Friday			
9h - 12h	Strategic planning 2/2 (in small group, by duos)	Strategic planning 2/2 (in small group, by duos)	Strategic planning 2/2 (in small group, by duos)
12h - 13h30	<i>Lunch</i>		
13h30 - 14h30	Evaluation of CCE		



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14h30 - 15h30	Sum up and conclusion of the seminar
15h - 18h	Informal meetings (between OCE and partners wishing to build collaborations).