



## AI for Climate

### Home

List of the seminars



Working groups

Journal club

internship/phd/job Offers

Last articles

Scientific committee

Mailing List



# Artificial Intelligence and Climate

AI and Climate is a pluridisciplinary research group launched in 2017 at Sorbonne University. In this group, researchers in Climate and Environmental sciences cooperate with Data Scientists with two main goals:

- develop the synergy between two major scientific paradigms: the physical paradigm underlying climate and environmental models, and the more recent paradigm of data science.
- develop AI models for climate and environmental challenges.

The group has also started to organize meetings and seminars by inviting researchers from these different communities. Information on seminars, past future ones can be found here.

AI and Climate action is supported by:



Institut  
Pierre  
Simon  
Laplace



## List of the seminars

### 2021

#### Next seminar

Friday 3 December 2021 10:00 Anne-Laure Ligozat

Tuesday 19 October 2021 14:00 Freddy Bouchet

New ways for dynamical prediction of extreme heat waves: rare event simulations and machine learning with deep neural networks.

Friday 23 Juin 2021 15:00 Laure Zanna (remotely)

Climate Modeling in the Age of Machine Learning

Thursday 6 Mai 2021 14:00 Aida Alvera-Azcárate (remotely)

Filling gaps in ocean satellite data

[download slides](#)

Friday 26 Mars 2021 (10:00) Pierre Tandeo (remotely)

Narrowing uncertainties of climate projections using data science tools

[download slides](#)

Wednesday 10 Février 2021 (14:00) Sophie Giffard-Roisin (remotely)

Machine learning and natural hazards

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