



The climate emergency in the Mediterranean... and Us

Thursday
17th March
2022

-
8:30 am
- 5:30 pm

#2

Cycle of interdisciplinary meetings
A world in motion

Mucem

-
**Germaine Tillion
Auditorium
(level -1)**

1, Esplanade du J4
13002 Marseille

Possibility
to connect
online

This interdisciplinary meeting is part of the cycle *A World in Motion* and is co-organized with the Council for Climate of Aix-Marseille University. This day is placed under the sign of the commitment of all actors to the climate emergency in the Mediterranean.

Indeed, the control of the climate crisis is the major challenge of the 21st century. It implies the synergy of multiple urgent actions : reduction of greenhouse gas emissions, mitigation of global warming and its effects, adaptation of housing and urban planning, revolution in the production of materials and energy.

The climate emergency in the Mediterranean... and Us

A world in motion Cycle of interdisciplinary meetings

The cycle of interdisciplinary meetings
A World in Motion Organized by the Mission
for Interdisciplinarity of Aix-Marseille University :

1. Proposes to explore interdisciplinary issues and interfaces between several scientific areas.
2. Questions the forms of change and transformation but also the ways of resistance.
3. Calls for dialogue between students, researchers, teachers, economic and cultural actors citizens and public decision-makers.
4. Encourages shared understandings of the current and emerging challenges of a world in motion.

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This event will
be held in accordance
with the sanitary
measures
in application
-

The first part of the day is devoted to the transdisciplinary scientific analysis of global warming and its environmental and societal consequences. The second part of the day is dedicated to concrete solutions - economic or social, individual or collective - to be implemented to avoid the worst degradation of the living conditions of the next generations.

Event co-organized with the Council for Climate
of Aix-Marseille University, and:

- The Institutes ARKAIA, ITEM, Océan and SoMuM
- IMéRA • INA

*In preparation
of the day :*

Le Temps des archives at the Mucem
> Germaine Tillion auditorium

free admission
on **Wednesday**
16 March at 7pm

In collaboration with Aix-Marseille-University, and as an echo to this day, the Mucem and the INA are devoting a «Temps des archives» to environmental mobilizations in the media sphere : **Hervé Brusini** in the company of **François Gemenne** and **Paloma Moritz**.

8:30

Reception

9:15

Greeting

- **Aude Fanlo** - Manager of the research and education Department, Mucem

Opening words

- **Eric Berton** - President of Aix-Marseille University
- **Anne-Claudius Petit** - Chair of the Commission for Energy Transition, Waste Strategy, Air Quality, Region Sud
- **Aurélie Biancarelli-Lopes** - Deputy Mayor of Marseille in charge of research, student life and higher education

Introduction to the day

- **Nicolas Thouveny** - Coordinator of the Council for Climate of Aix-Marseille University
- **Maryline Crivello** - Vice-President, Head of the Mission for interdisciplinarity of Aix-Marseille University

9:45

- 11:00

What do we know ?

The revelation of the intensity of global warming and the anticipation of its rapid worsening are based on observations and measurements of the dynamics of the atmosphere, the ocean, the cryosphere and the biosphere. In this first part, specialists from these disciplines will present results accumulated over several decades that prove that the combustion of hundreds of billions of tons of fossil carbon is at the origin of the global warming of more than 1°C for a century, a climate degradation that is accelerating and whose consequences violently affect the Mediterranean area.

> From a natural climate to the entry into the Anthropocene

- **Edouard Bard** - Climatologist, Collège de France

> Sea level : still rising?

- **Frank Pattyn** - Glaciologist, Université libre de Bruxelles (in videoconference)

> Warming and acidification in the Mediterranean

- **Jean-Pierre Gattuso** - Oceanographer, CNRS

Morning

10:30

Round table and discussion with the audience

- Moderated by* **Yves Sciama** - Independent scientific journalist
◦ **Catherine Jeandel** - Geochemist Oceanologist, CNRS

11:00

Decoding sequence using INA archives

How have the public media reported on environmental issues over the past 50 years ? From the words of the pioneers to those of Greta Thunberg, from the Rio Summit to COP 21.

- **Hervé Brusini** - Journalist, Albert Londres prize and former director of information at France Televisions

11:15

- 12:30

What emergencies ?

Beyond the scientific findings, the consequences of global warming affect our daily lives, and no one is sheltered from their impacts, regardless of his or her social and geographical situation. During this round table, questions related to the risks and challenges of the Mediterranean, water, food, biodiversity, atmosphere, but also the challenges of migration and preservation of heritage will be addressed.

> Round table and discussion with the audience

Moderated by **Yves Sciama** - Independent scientific journalist and **Nicolas Roche** - Responsible for the Sustainable Development Goals, Aix-Marseille University. *Participant* ◦ **Kalliopi Baika** - Maritime Archaeology, ARKAIA Institute, Centre Camille Jullian, Aix-Marseille University ◦ **Maëva Belloiseau** - Migration and Health, University of Montreal ◦ **Wolfgang Cramer** - Mediterranean Institute of Biodiversity and Ecology, CNRS, co-chair of the Mediterranean network of experts on climate and environmental change (MeDECC), member of the IPCC ◦ **Annick Mièvre** - Regional Director of the Rhône-Méditerranée Corse Water Agency ◦ **Irène Xueref-Rémy** - Atmospheric observatories ICOS and ACTRIS, National Council of Astronomers and Physicists

12:45

- 13:45

Lunch
break

Conferences

Afternoon

13:45

Reception

14:00

Garden of Eden

◦ **Rohan Houssein** - Geopoetic artist

14:15

- 15:30

What solutions ?

Numerous initiatives are flourishing all over our territory, in various sectors, with a multitude of concrete actions that are already being implemented, and even more avenues for the future - whether to mitigate climate change, or to adapt to it. Some may be highly technological, others simple to activate... This round table will give some examples, close to us and which concern us all.

> Round table and discussion with the audience

Moderated by **Yves Sciama** - Independent scientific journalist and **Mariane Domeizel** - Vice-President of Sustainable Development of Aix-Marseille University *Participant* ◦ **Fabien Bartolotti** - Author of a thesis on the economic and environmental history of the port of Marseille since 1945, SoMuM Institute, Aix-Marseille University ◦ **Marie Borni** - Managing Director of the Groupe des Eaux de Marseille ◦ **Katia Chancibault** - Urban hydroclimatology and adaptation to climate change, Gustave Eiffel University ◦ **Clément Levard** - Founder of the Cité de l'Environnement Association, ITEM Institute, CNRS ◦ **Nathalie Rezzi** - Education for Sustainable Development Officer, INSPE, Aix-Marseille University

15:30

Microscopic relics

◦ **Isabelle RocheMars** - Plastic artist

15:45

- 17:00

How to project us into the future ?

The climate issue is now being taken up by civil society. What are the individual and collective citizen actions that demonstrate a strong mobilization to enlighten and influence the debate on the energy transition? How can we understand the concern of young people about climate change and their loss of confidence in the future? How do associations - like the Shift Project - contribute to sharing solutions? Isn't climate change as much a cultural and social problem that affects our way of life? How can art challenge us on the subject and help us create new imaginaries? How can we build the future together through storytelling?

> Round table and discussion with the audience

Moderated by **Maryline Crivello** - Vice-President, Head of the Mission for interdisciplinarity of Aix-Marseille University and **Bénédicte Gastineau** - Demographer, researcher, IRD *Participant* ◦ **Juliette Bertier** - Master Student in Biodiversity, Ecology and Evolution, Aix-Marseille University ◦ **Tara Deporte** - Artist in residence at IMÉRA, Aix-Marseille University ◦ **Irène Langlet** - Contemporary literature and media cultures, head of the interdisciplinary research program PARVIS on futuristic urban imaginary, Gustave Eiffel University ◦ **Elodie Layet** - Bachelor Student in Life and Earth Sciences, Aix-Marseille University ◦ **Laurent Perron** - Member of the Shifters (association of volunteers of the Shift Project), co-creator of the Fresque de la Mobilité

17:00

Screening of the film GENERATION (2021)

- Running time 17'44

A film AVANT L'ORAGE - A film written and directed by Camille ETIENNE - A film directed by Solal MOISAN - A co-production of "4 Humans" and "Imagine 2050" - Original composition MIMESIS - Based on an original improvisation by Camille BÉRARD - Director of photography Louis BERGOGNE

17:20

Visit of the projects Forum and discussions

1 To share a comprehensive approach to interdisciplinarity adapted to AMU, by creating synergies between transformative projects and interdisciplinary strategy.

Inter disciplin arity

4 To capitalize, model, enhance and disseminate good practices within AMU and among our partners.

2 To address structural barriers to interdisciplinarity by implementing specific proactive actions and an integrated approach, by experimenting with facilitating and encouraging practices.

The objectives of the Mission

3 To provide concrete support for the implementation of interdisciplinary projects, in particular by exploring specific axes linking science and society, and by defining milestones and tools for evaluating and measuring the impact of interdisciplinary integration.

Mission for Interdisciplinarity of Aix-Marseille University

Maryline Crivello
Vice-President, in charge
of the interdisciplinary strategy

Flore Nonchez
Project Manager

Lola Maraninchi
Mediation Officer

Rejoignez le réseau !
Join the network !



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