

Side Event: "THE NORTH TO THE SOUTH: BOTH POLES IN CONNECTION WITH THE OCEAN GLOBAL CHANGE"

35 Bv Saint Germain 75005, Paris. 9 Juillet 15-19 hs

Report

1. The Conference and the Ocean Topic

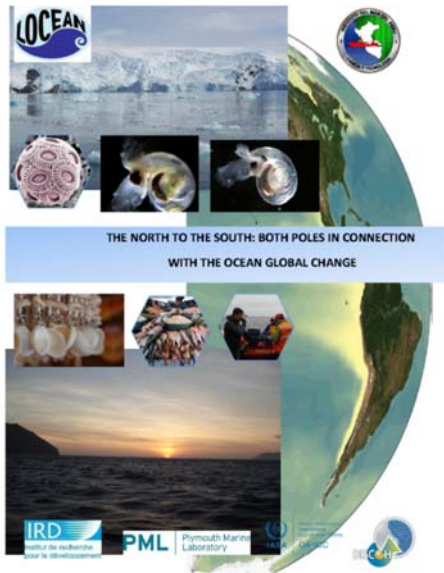
"Our Common Future under Climate Change" (CFCC15*), the largest international science conference before the Paris COP21, was an opportunity to explore current understanding of all dimensions of the climate change challenge and put in evidence the existent gaps. During the conference, the marine scientific community show the importance of the Ocean in the dynamic of the planet, climate, biodiversity, society and it is evident the importance of include the Ocean in the discussions during the COP 21, Paris 2015.



Evidence of the climate change can be observed in the ocean, that rapidly change under the pressure from multiple stressors, acidification, low oxygen, warming that impact directly on the services of the ecosystems and society. This "problem" is an opportunity to advance in research, generate innovative approaches and compromise of the different levels of the society at local, regional and global levels.

The scientific community is committed to understanding all dimensions of the challenge, aligning the research agenda but also informing the public and supporting the policy makers. In order to create links between scientists and the civil society it is crucial to reach a broader audience beyond the scientific community and this is part of the goals of the side events. With more than 70 side event, only 6 was about Ocean aspects.

2. **Side-event: "The north to the south: both poles in connection with the ocean global change"**



The 9 July 2015 at 35 Bv Saint Germain 75005, Paris the University Paris VI UPMC, LOCEAN (France) and the Instituto del Mar del Perú (Perú) organized the side event "The north to the south: both poles in connection with the ocean global change".

Together scientists, artists and philosophes show a message about the ocean and climate change and the importance in a global problem to have actions around the world in order to multiply the initiatives and impulse every stakeholders. This side event is connected with several side events presented during the COP 20 in Lima, Peru December 2014.

Poster- Side Event

The programme of the event including,

-Scientific conferences:

- The Carbon Machine from the ARTIC to the ANTARTIC. Dra Diana Ruiz-Pino Locean Paris VI, France.
- Our Ocean at the frontline of Climate Change: Warming, Becoming more acidic and loosing Oxygen. Dra Carol Turley. PML. Plymouth Laboratory UK.
- Eastern Pacific Ocean Vulnerabilities and Opportunities under a Climate Change World. Dra Michelle I. Graco, IMARPE, Peru.



Conference messages: Acidification, vulnerability, productivity, monitoring

-Art conferences and performances:

- Ville Art et Environnement. Nataly Blanc- CNRS LADYSS 7533, PARIS FRANCE.
- Using Pteropods to communicate ocean acidification through art. Nina Bednarsek. University of Washington, School of Marine and Environmental Affairs, Seattle WA 98105, Estados Unidos.
- Qui va au Nord va au Sud, Vision d'un Art Engagé. Performance Elohim Fiesta et Françoise Vincent (Artistes Chercheurs Université de Paris VIII, Université de Strasbourg).
- L'Homme Canette. Performance artistique. Amani. Université de Strasbourg, France.



Scientist provides images to the artist, brainstorming ideas, art to convey scientific message – environmentally conscious artist, iterative process... Nina Bednarsek

Thinking about...

- L' Ethique dans le changement climatique. Parole Ouverte. Abdelah Benmlih, Politologue independent Paris France.
- The Carbon Promenade, ONG et Groupe Central Santé. Jean Valayer. Oil Ingenier.
- PML video "OA Ocean Acidification: connecting science, industry, politics and the public".



Sam Bower, Carte de l'Environmental Art, http://www.greenmuseum.org/generic_content.php?id=306

Art and Environment, society and science.

The side event participants were scientists, artists, and students, public. All activities had recorded in order to extend the message to a larger public. In the coming months a video will be launch in the web.

Side Event messages:

- Ocean it is a key part of the climate and society with a fundamental role in the context of climate change.
- Ocean carbon and acidification. Ocean acidification is a serious problem caused by CO₂ emissions and it is necessary urgently reduce it.
- Some of our most productive fishing areas, as the Pacific Ocean and Upwelling areas, may be the ones most vulnerable to ocean acidification with important economic and social impacts.
- Substantial and sustained research, investment, diffusion and multidisciplinary collaboration at a local and global scale are key components to address an Ocean under climate change.
- The art is an excellent way to take the attention to the people to the ocean in order to show the relevance of ocean to government officials, policymakers, environmental managers and the media because finally the Oceans is a business of every one.

*Michelle Graco & Diana Ruiz Pino
10 August 2015*