

OA-ICC HIGHLIGHTS

October - December 2016



Ocean Acidification
International
Coordination Centre
OA-ICC



SCIENCE



Hosted by the OA-ICC, the first in-person meeting of the Biology Working Group of the Global Ocean Acidification Observing Network ([GOA-ON](#)) took place on 10-11 October 2016 at the IAEA Environment Laboratories in Monaco. The meeting brought together 14 participants from nine countries who identified

three new tasks: 1) to provide a biologist's perspective on an ocean acidification observing network; 2) to revisit the requirements of an ocean acidification biological monitoring programme; and 3) to develop a biological index allowing to link biogeochemical changes to ecosystem impacts. [More information.](#)

The OA-ICC hosted the first meeting of the "Oceans Solutions Initiative" Working Group, 22-24 November 2016. The goal of the Ocean Solutions Initiative, a follow-up to the "[Oceans 2015 Initiative](#)", is to contribute to the next IPCC assessment by reviewing four clusters of potential solutions to ocean acidification and climate change (mitigation, protection, repair, and adaptation) by assessing their relevance in terms of efficiency, feasibility, benefits and potential risks.

COMMUNICATION



The OA-ICC contributed to a multi-partner exhibition booth at [UNFCCC COP22](#), 7-18 November 2016, Marrakech, Morocco, lead by the Plymouth Marine Laboratory ([PML](#)) and aiming to engage delegates and bring the science of climate-related ocean change to decision makers. Building on success at previous COPs, the stand was trilingual (English, French, Arabic) and featured the policy briefing document "[Hot, sour and breathless: ocean under stress](#)", alongside other useful information and films.

The OA-ICC Project Manager and Director of the IAEA Environment Laboratories, Mr David Osborn, featured as a guest speaker at two major international gatherings: (1) "[An African perspective: changing oceans, the impact on society and the need for solutions, planning and implementation](#)", at the UNFCCC COP22, 11 November 2016, Marrakech, Morocco and (2) the Sustainable Ocean Summit, organized by the World Ocean Council, 30 November - 2 December 2016, Rotterdam, the Netherlands.

CAPACITY BUILDING

An expert meeting on ocean acidification research methodologies was convened on 12-14 October 2016 at the IAEA Environment Laboratories in Monaco. The meeting was organized in the framework of the IAEA Technical Cooperation project "[Supporting a Global Ocean Acidification Observing Network – towards Increased Involvement of Developing States](#)" (INT7019). The goal of the meeting was to advance discussions on the development of simplified methodology and ocean acidification «starter kits», in particular for research institutes with limited infrastructure and capacities. [More information.](#)



Two young researchers from Namibia and South Africa were supported by the OA-ICC to speak at a side event entitled: "[From the U.S. West Coast to the Ivory Coast: Building Scientific and Political Capacity to Respond to Ocean Acidification](#)", organized by the U.S. Department of State at the [UNFCCC COP22](#), 9 November

2016, Marrakech, Morocco. The event highlighted efforts to address ocean acidification in Africa and showcased some of the activities previously organized by the OA-ICC and its international partners.

The OA-ICC supported a "[Technical Workshop on Carbonate System Measurements for the Latin-American Ocean Acidification Network](#)", held at Universidad Autónoma de Baja California, Ensenada, Mexico, 3-10 December 2016. Six young researchers from four IAEA Member States (Argentina, Brazil, Ecuador, Peru) gained increased knowledge in design of ocean acidification observing systems, (2) carbonate chemistry measurement methodology, (3) handling and calibration of available instruments and sensors, and (4) use of carbonate system calculating tools.

Interested in knowing more about the OA-ICC online resources? Have a look at this [video presentation](#) !

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ONLINE

RESOURCES

- [OA-ICC news stream](#) - recent publications, media coverage, meeting announcements, jobs etc.
- [OA-ICC web site](#) - resources on ocean acidification listed according to audience and language
- [OA-ICC bibliographic database](#) - over 3700 references with citations, abstracts and keywords
- [OA-ICC data compilation](#) on the biological response to ocean acidification - access to experimental data from more than 700 scientific papers