

OA-ICC HIGHLIGHTS

The latest news and updates from the OA-ICC and partners



Participants at the practical ocean acidification training course, held in Fiskebäckskil, Sweden. The three-week long course included field work, laboratory experiments, lectures, and data analysis. (Photo: © University of Gothenburg)

THIS QUARTER:

PRACTICAL OCEAN
ACIDIFICATION TRAINING
COURSE IN SWEDEN

OA-ICC PARTICIPATION AT
CLIMATE CHANGE SYMPOSIUM

ANNUAL EXPERT GROUP AND
OA WORKING GROUP MEETINGS

NEW OA-ICC WEBSITE

FIVE YEARS OF THE OA-ICC

NEW COORDINATED RESEARCH
PROJECT (CRP)

GLOBAL OA OBSERVING
NETWORK EXECUTIVE COUNCIL
MEETING

Practical ocean acidification training course in Sweden

A capacity building summer course supported by an IAEA inter-regional Technical Cooperation Meeting (INT7019) and the OA-ICC was held from 4-22 June 2018 at the Sven Lovén Centre for Marine Infrastructure, Kristineberg, Fiskebäckskil ([University of Gothenburg](#)) in Sweden. The advanced training was led by Dr. Sam Dupont, and included 15 participants from 15 different countries. The course was designed to give trainees some choice over which subjects they would like to focus on, and included conducting several biological experiments, proper water sampling, field work, carbonate chemistry analyses, and lectures.

By having a longer and more intensive course, participants had the opportunity to network as well as troubleshoot any issues that arose in the laboratory. As an outcome of the course, the trainees will collaborate to write and publish a paper together. This capacity building effort was designed to provide a tangible outcome for the course's participants - and provide a concrete contribution to global understanding of biological ocean acidification impacts. Support for one participant was provided from [The Ocean Foundation](#).

#CAPACITY-BUILDING

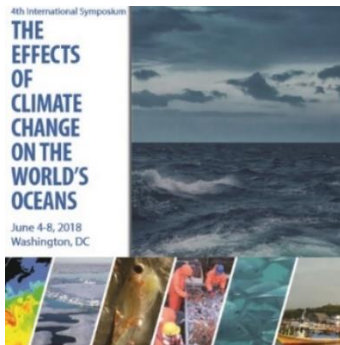
“I now feel more secure on how to perform some experiments at my work place and has given me a lot of ideas of what I can do.”

“I feel more optimistic and confident on this topic”

-feedback from Sweden training course participants [anonymous survey]



OA-ICC participation at climate change symposium



The 4th Symposium on the Effects of Climate Change on the World's Oceans, was held on 4-8 June 2018 in Washington DC, USA. The OA-ICC provided support for seven participants from four different countries to participate in the symposium: Cameroon, Egypt, India, Philippines. Included at the symposium was a session entitled "Carbon uptake, ocean acidification, and ecosystems and human impacts". This session included representation from the OA-ICC in talks entitled "From sciences to solutions: ocean acidification impacts on ecosystem services - case studies on coral reefs", in partnership with the [Scientific Centre of Monaco \(CSM\)](#), as well as "Tackling diverse marine climate-change challenges: From nuclear-based techniques to policy".

The scientific programme from the symposium can be found [here](#).

[#SCIENCE](#) [#COMMUNICATION](#)

Annual OA-ICC expert group meeting

The OA-ICC hosted its annual expert group meeting at the International Atomic Energy Agency (IAEA) Environment Laboratories in Monaco on 28 June. The goal of the technical meeting was to report and foster discussion on the coordination of OA-ICC activities within the past year as well as plans for the upcoming year. Included among the 18 participants of this meeting were focal points for the OA-ICC capacity building initiatives, data management and outreach, collaboration between natural and social sciences, and best practices in ocean acidification research, among other efforts. Members of the [IMBER](#) and [SOLAS](#) Ocean Acidification Working Group met on 26-27 June at the [Institut de la mer de Villefranche](#), France.

Participants of this Working Group are closely involved in OA-ICC activities and all attended the OA-ICC Expert Group meeting in Monaco.

[#SCIENCE](#) [#CAPACITYBUILDING](#) [#COMMUNICATION](#)



Members of the OA-ICC Expert Group technical meeting at the IAEA Environment Laboratories in Monaco. (Photo: © Hussein Ramadan, IAEA)

The OA-ICC has a new and improved website!

Check it out at www.iaea.org/services/oa-icc

[#COMMUNICATION](#)

Advancing ocean acidification science: IAEA Ocean Acidification International Coordination Centre turns five

Five years ago, the OA-ICC was launched in Monaco under the [IAEA Peaceful Uses Initiative](#). Since then the project has grown in scale and complexity as IAEA Member States have sought to improve their understanding of how increasing ocean acidification may affect their livelihoods and their ability to report on target 3 of the United Nations' Sustainable Development Goal 14, which specifically addresses ocean acidification. Read the IAEA article about the five year anniversary of the OA-ICC [here](#).

[#COMMUNICATION](#)



New Coordinated Research Project (CRP)

The IAEA is launching a new 4-year Coordinated Research Project (CRP K41018) starting in 2019 to advance understanding on the effects of ocean acidification on seafood around the world and to explore adaptation strategies for aquaculture and seafood industries. One of the research objectives of this project will be to expand international collaboration on ocean acidification using knowledge and research kits developed through the OA-ICC capacity building activity and the TC INT7019 project. More information on the CRP can be found [here](#).

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Global Ocean Acidification Observing Network (GOA-ON) Executive Council meeting

Members of the OA-ICC participated in [The Global Ocean Acidification Observing Network \(GOA-ON\) Executive Council 5th Annual Meeting](#) in Sopot, Poland from 28 to 30 May 2018. During the meeting, the methodology for the Sustainable Development Goal (SDG) target indicator 14.3.1, “*average marine acidity measured at an agreed suite of representative sampling stations*”, was discussed and finalized. The GOA-ON Secretariat was introduced, whose members are distributed between the OA-ICC, [U.S. National Oceanic and Atmospheric Administration \(NOAA\)](#) in Washington, D.C., the [Intergovernmental Oceanographic Commission \(IOC\) of UNESCO](#) in Paris, as well as the [University of Washington](#) in Seattle.

To access the meeting documents and information, visit [this link](#).

#SCIENCE



The Global Ocean Acidification Observing Network Executive Council 5th Annual Meeting, Sopot, Poland
(Photo: © Institute of Oceanology, Polish Academy of Sciences)

UPCOMING

- OA-ICC cooperation in the *LAOCA Galápagos Ocean Acidification School*, Galápagos, Ecuador, 19 -29 August 2018.
- *Regional training course on ocean acidification in the Red Sea and Gulf of Aden*, Aqaba, Jordan, 30 September - 4 October 2018.
- *Technical Meeting on the Management, Analysis, and Quality Control of Ocean Acidification Observation Data*, IAEA Monaco, 22-26 October 2018.
- *Advanced training course on the application of nuclear and isotopic techniques in ocean acidification research (INT7019)*, Kuwait City, 18 - 30 November 2018.
- OA-ICC bibliographic database to be added to new open-source platform ‘Zotero.’
- Data compilation portal for biological response OA papers.

OA-ICC online resources: www.iaea.org/services/oa-icc

- [OA-ICC news stream](#) - recent publications, media coverage, meeting announcements, jobs etc.
- [OA-ICC bibliographic database](#) - over 5,100 references with citations, abstracts and keywords.
- [OA-ICC data compilation](#) on the biological response to ocean acidification - access to experimental data from 928 scientific papers.

The IAEA OA-ICC promotes global collaboration and activities to advance ocean acidification science, capacity building, and communication