



NZOAC and PI-TOA Newsletter

Last month [The Ocean Foundation](#) and the [Pacific Islands Ocean Acidification Centre](#) (an SPC, USP, NIWA, and Otago partnership) hosted a one-week [training for GOA-ON in a Box kit recipients](#). Sixteen participants from ten Pacific Island countries learned how to run their own OA monitoring programme, including seawater sampling, OA laboratory analysis, and data management.

The *UN Decade of Ocean Science* session at [Waiti Waitā](#) brought together researchers in Aotearoa New Zealand and the Pacific. During this session, we heard from UNESCO Aotearoa Youth Leaders [Adriana Bird](#) (MfE) and [Aimee Clark](#). Bird stressed the link between the [UN Ocean Decade](#) and the [UN International Decade of Indigenous Languages](#): “Te reo Māori can articulate our obligations to the environment in a way that can’t always be translated into English. In that way, our indigenous languages are essential in protecting the ocean and empowering tangata whenua”.

Ocean acidification in the New Zealand and the Pacific

- As New Zealand welcomed the new global diversity treaty, [OA’s impact on biodiversity was acknowledged](#).
- Scientists on board NOAA’s *Rainier* conducted a coral reef survey throughout American Samoa and the Pacific Remote Island Areas to [assess the OA status on the region’s coral reefs](#).
- GOA-ON’s OARS programme (Ocean Acidification Research for Sustainability) invites the OA Community to [review the seven programme outcome white papers](#) by 30 April.

Resources

- The [OA Alliance](#) has a range of [downloadable posters and infographics](#) to help you communicate OA across your networks
- [Unifying biological field observations to detect and compare ocean acidification impacts across marine species and ecosystems: what to monitor and why](#) introduces a new best practice methodology for OA monitoring, understanding and mitigation.
- **Streaming:** GOA-ON’s February webinar [Ocean acidification observations and impacts](#), Sebastien Petton and Callum Hudson
- **Streaming:** GOA-ON’s January webinar [Mediterranean calcifying organisms under ocean acidification and warming](#), Dr. Chloe Carbonne and Maximiliano Szkope

Selected recent articles from our members

- [Metabolomics approach reveals size-specific variations of blackfoot abalone \(*Haliotis iris*\) in Chatham Islands, New Zealand](#), Van Nguyen, T., Alfaro, et al., Fisheries Research
- [Sea ice and productivity changes over the last glacial cycle in the Adélie Land region, based on diatom assemblage variability](#), Pesjak, L., McMinn, A., et al., Climate of the Past
- [The added costs of winter ocean warming for metabolism, arm regeneration and survival in the brittle star *Ophionereis schayeri*](#), Christensen, A.B., Taylor, G., Journal of Experimental Biology

- [Dimethyl sulfide cycling in the sea surface microlayer in the southwestern Pacific - Part 1: Enrichment potential determined using a novel sampler](#), Saint-Macary, A.D., Marriner, A., et al., Ocean Science
- [From Tasmania to the world: long and strong traditions in seaweed use, research, and development](#), Hurd, C.L., Wright, J.T., Botanica Marina
- [Warming and hypoxia threaten a valuable scallop fishery: A warning for commercial bivalve ventures in climate change hotspots](#), Scanes, E. and Byrne, M., Global Change Biology

ECOPs (early career ocean professionals) and outreach happenings

- Congratulations to newsletter contributor Jesse Vance who has taken up a new position as a postdoctoral research fellow at the [National Center for Atmospheric Research](#). Jesse is working to reduce the uncertainty associated with uptake of anthropogenic carbon dioxide in the Southern Ocean.
- Postgrads and ECOPs are invited to apply for IMBeR's [ClimEco8 Summer School](#) (*Sustaining the Ocean We Need for the Future We Want*). 10 April deadline.
- [EE 30 Under 30 Call for Nominations](#): EE 30 Under 30 recognizes young people across the globe who are building a sustainable future through education. Deadline **29 March 2023**.
- Upcoming [Online Course on Ocean Governance: SDG14 and the UN Summit of the Future](#), online, **April-June 2023**.

Conferences, events, and workshops

- [UN 2023 Water Conference](#), New York, **22-24 March 2023**
- [Symposium on the Effects of Climate Change on the World's Ocean \(ECCWO5\)](#), Norway, **17-21 April 2023**
- [10th International Crustacean Congress](#), Wellington, **22 - 26 May 2023**.
- [Southern Ocean in a Changing World](#) (SOOS inaugural Symposium), Hobart, Australia. **14 - 18 August 2023**

International opportunities

- [Access to infrastructure call 2023](#): EMSO ERIC offers free access to several Regional Facilities across European Seas to test new sensors/technologies or conduct experiments. Deadline **30 April 2023**.
- Free boat access in 2023-2025 on the [S/Y Eugen Seibold Research Yacht in Tropical America](#). Proposals for collaborative projects will be accepted on a first-come-first-serve basis.
- UNESCO just launched their [Ocean Capacity Development Hub](#), a gateway to Ocean related Capacity Development opportunities around the world.

Jobs

- [Analyst Inshore Fisheries](#) with NZ Ministry for Primary Industries in Wellington, New Zealand. Closes **30 March 2023**.
- [Research Fellow – Freshwater Ecology](#) with La Trobe Area in New South Wales. Closes **3 April 2023**.
- [Graduate Aquatic Ecologist](#) with GHD Pty Ltd in New South Wales, Australia.
- [Benthic Ecologist – Senior Marine Scientist](#) with O2 Marine in Perth, Australia.
- [Senior Marine/Aquatic Ecologist](#) with Stantec Australia Pty Ltd in Sydney, Australia.
- [Fisheries Acoustics – Research Technician](#) or [Research Scientist](#) with the Department of Climate Change Energy the Environment and Water in Hobart, Australia.
- [Passive Acoustics – Research Scientist](#) with the Department of Climate Change Energy the Environment and Water in Hobart, Australia.
- [Principal marine scientist](#) with the RPS Group in Auckland, New Zealand.
- [Marine & Freshwater Taxonomist](#) with SLR Consulting in Nelson, New Zealand.

- [Postdoc – Marine Ecosystem Modelling](#) with The Pacific Community (SPC) in Nouméa, New Caledonia. Closes **2 April 2023**.
- [PhD – Coral Reef Biogeochemistry](#) with the Southern Cross University in New South Wales, Australia. Closes **9 April 2023**.

If you have news, opportunities, resources, or a published article you'd like included in the next newsletter, let us know by replying to this e-mail.

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Cheers,

Christina McGraw (University of Otago), Rebecca Zitoun (GEOMAR), Pierre-Yves Charpentier (SPC), Kim Currie (NIWA), Lea Muetzel (University of Otago)