



NZOAC and PI-TOA Newsletter

At 11 am today (NZ/Fiji time), PI-TOA will host the August GOA-ON webinar: Ocean Acidification Monitoring and Scientific Research in the PI-TOA Region. Speakers include NZOAC and PI-TOA members Associate Professor Patila Amosa, Dr Antoine De Ramon N'Yeurt, and Ms Luia Taise. Register [here](#).

If you are attending the upcoming Ocean in a High-CO₂ World symposium, you are invited to an informal get-together for PI-TOA and NZOAC members. Organised by The Pacific Islands Ocean Acidification Centre (PIOAC), the event will be held at 7:30 pm on 13 September at a venue near the Symposium. If you would like to attend, RSVP before 8 September by replying to this email.

Abstract submission is now open for the 2022 New Zealand Marine Science Society Conference: [Waiti Waitā](#). NZOAC will host a one-day meeting on 21 November, the day before the start of the NZMSS conference (details to follow). In addition, NZOAC is organising a special session on OA at the conference.

Ocean acidification in the New Zealand and the Pacific

- The [Pacific Islands Ocean Acidification Centre](#) (PIOAC) conducted an up-skilling and planning workshop in Suva, Fiji during the last week of July. This workshop paves the way for an OA monitoring programme in the Suva harbour and for more regional support from the newly trained SPC and USP trainers.
- An article in [The Conversation](#) discusses the expected shifts in the range of New Zealand whales and the broader impacts of warming, heat waves, and ocean acidification on marine biodiversity.
- A recent open access article in PLOS ONE assessed the [susceptibility of 83 marine species to the impacts of climate change](#) in the Pacific Islands region.
- SPREP highlighted their [ongoing partnership with China](#), which contributes to their work helping Member countries respond to OA.

Resources

- The Pacific Community (SPC) added an OA video to their Ocean Science Fact Series: [Ocean Science Fact: What is Ocean Acidification?](#)
- NOAA's new [infographic](#) highlights the impact of ocean and coastal acidification on marine life.
- The [Sustainable Development Report 2022](#) is now available. You can read the [report](#) and explore country-specific [data](#).

Webinars

- Today: [Ocean Acidification Monitoring and Scientific Research in the PI-TOA Region](#)
- Streaming: [What natural analogues can teach us about the future of coral communities and their understudied biodiversity](#), Dr. Sylvain Agostini and Dr. James D. Reimer

- Streaming: [Using meta-analysis research processes in bivalve ocean acidification studies](#), Ray Czaja
- Streaming: [Using Shell Hash for Buffering Mudflat Acidification: Interactive Effects of Crush Size and Density on Commercial Bivalve Recruitment and Sediment Porewater Carbonate Chemistry](#), Brain Beal

Selected recent articles from our members

- [The effect of ocean acidification on the escape behaviour of the sea star *Parvulastra exigua* to its sea star predator *Meridiastra calcar*](#), McLaren, E.J., Byrne, M., Journal of Experimental Marine Biology and Ecology
- [Persistent Continental Shelf Carbon Sink at the Jeju Ocean Research Station in the Northern East China Sea](#), Lee, K., Kim, J.-M., et al. Frontiers in Marine Science
- [Live-fast-die-young: Carryover effects of heatwave-exposed adult urchins on the development of the next generation](#), Minuti, J.J., Byrne, M., et al., Global Change Biology
- [Species turnover underpins the effect of elevated CO₂ on biofilm communities through early succession](#), Allen, R.J., Summerfield, T.C., et al. Climate Change Ecology

ECOPs (early career ocean professionals) and outreach happenings

- **Congratulations** to Dr Hannah Heynderickx who just graduated from the University of Otago.
- Article: [This paper](#) presents five actionable strategies to empower young people with science for long-term sustainability

Conferences, events, and workshops

- [The 5th International Symposium on the Ocean in a High CO₂ World](#) (hybrid), Lima, Peru, **13 - 16 September 2022**
- [6th Ocean Practices Workshop](#) (virtual), **5 and 19 October 2022**
- [NZOAC - 15th NZOAC Conference](#), Auckland, **21 November 2022**
- [New Zealand Marine Science Society Conference](#) (hybrid) Auckland, **22 – 24 November 2022**
- [18th International Meiofauna Conference](#) (online only), **5 - 9 December 2022**
- [International Seaweed Symposium](#), Hobart, Tasmania, Australia, **19 - 24 February 2023**

International opportunities

- Join the new [Ocean Decade Expert Roster](#).
- Call for new OBPS Steering Group Members. You may apply by sending an email including your CV, and expressing interest and your ideas on where you could contribute to info@oceanbestpractices.org. The call closes on the 15th of September 2022.

Jobs

- [Science Editor](#) with Cawthron Institute in Nelson, New Zealand. Closes **28 August 2022**.
- [ReefCloud Software Engineers](#) with the Australian Institute of Marine Science in Townsville, QLD, Perth, WA, and Darwin, NT, Australia. Closes **28 August 2022**.
- [Manager, Deep South Challenge](#) with the National Institute for Water and Atmospheric Research in Wellington, New Zealand. Closes **4 September 2022**.
- [Climate Data Technician](#) with the National Institute for Water and Atmospheric Research in Wellington, New Zealand. Closes **11 September 2022**.
- [Research Program Director](#) with the Australian Institute of Marine Science in Townsville, QLD, Perth, WA, and Darwin, NT, Australia. Closes **20 September 2022**.
- [Marine Ecologist](#) with Cawthron Institute in Nelson, New Zealand. Closes **25 September 2022**.
- [Marine Scientist](#) with RPS in Perth, WA, Australia.

- [Associate/Principal Marine Consultant](#) with SLR in Auckland, Nelson, and Wellington, New Zealand.
- [Marine Engineering & Automation](#) with the Minderoo Foundation in Perth, WA, Australia.
- [Marine Consultant](#) with RPS Group in Perth, WA, Australia.
- [Marine Surveyor](#) with SGS in Auckland, New Zealand.
- [Senior Ecologist](#) with Boffa Miskell in Dunedin, New Zealand.
- [Marine & Freshwater Taxonomist](#) with SLR Consulting in Nelson, New Zealand.
- [Marine Technician](#) with the Australian NAVY in Hobart, Tasmania, Australia.
- [Senior Policy Analyst](#) with Hays Recruiting in Wellington, New Zealand.
- [Postdoc - Physical Oceanography](#) with the University of Massachusetts in Dartmouth, MA, USA. Closes **25 October 2022**.
- [Postdoc - Remote Sensing and GIS](#) at the College of Earth & Ocean Environment with the University of Delaware in Newark, DE, USA.
- [Postdoc - Ocean Conflict Transformation](#) with Massey University in Palmerston North, New Zealand.
- [Postdoc - Marine Microbial Biogeochemistry](#) with the University of New Hampshire at the Ocean Process Analysis Lab in Durham, NH, USA.
- [Postdoc - Responses of Farmed Shellfish to Multiple Stressors](#) with Rutgers University at the Haskin Shellfish Research Laboratory in Port Norris, NJ, USA.
- [Postdoc - Institute of Global Change Biology \(IGCB\)](#) with the University of Michigan in Ann Arbor, MI, USA.
- [Postdoc - Dept. of Rosenstiel School of Marine and Atmospheric Science](#) with the University of Miami in Miami, FL, USA.
- [Postdoc - MAP Shellfish Stock Assessment](#) with the Virginia Institute of Marine Science in Gloucester, VA, USA.

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.

If you would like to subscribe to the NZOAC / PI-TOA newsletter mailing list, reply with "Subscribe" in the subject line. If you would like to unsubscribe from this mailing list, reply with "Unsubscribe" in the subject line.

Cheers,

Christina McGraw (Otago), Pierre-Yves Charpentier (SPC), Jesse Vance (Otago), and Rebecca Zitoun (GEOMAR)