



NZOAC and PI-TOA Newsletter

The 2022 NZOAC conference will be held at University of Auckland on 21 November (the day before the NZMSS conference). To help with planning for this, and the OA session at NZMSS conference, we would appreciate it if NZOAC members could indicate whether or not they plan to attend using [this link](#).

For our crustacean-loving members, we're pleased to share the news that the [10th International Crustacean Congress](#) will be held in Wellington in May 2023. To learn more, watch the [conference video](#) or visit the website to make suggestions for sessions and symposia.

Ocean acidification at UN Ocean Conference 2022

NZOAC and PI-TOA members returning from UNOC 2022 report that this conference made it clear that the ocean is on the political agenda, ECOP voices are being heard, and SIDS and other developing countries are leading by doing.

- Speaking on behalf of PSIDS at the [Interactive Dialogue on Minimising and addressing ocean acidification, deoxygenation and ocean warming](#), Hon. John M. Silk of the Republic of the Marshall Islands [stressed the vulnerability of SIDS to ocean acidification](#).
- PI-TOA and PCCOS participated as panellists in three events, including the official side-event [Taking action to address ocean acidification & implement SDG 14.3](#). Dr. Katy Soapi, Coordinator at PCCOS and current chair of the PI-TOA, stressed the importance of trust in partnerships: "Building long-term relationships is the single most important aspect for getting things done. Progress happens at the speed of trust, and this must underpin our work on OA regionally."

Resources

- The OA-ICC's new [How to measure pH_T in biological experiments](#) manual includes videos on [TRIS buffer preparation](#) and [electrode calibration](#).
- GOA-ON prepared a [short video](#) introducing Ocean Acidification Research for Sustainability (OARS), an Ocean Decade Programme.
- Watch Tongan singer/songwriter Mia Kami's [performance](#) at UNOC 2022.

Upcoming webinars

- Registration is open for GOA-ON's July webinar: [What natural analogues can teach us about the future of coral communities and their understudied biodiversity](#). **21 July**

Recent webinars (now available for streaming)

- GOA-ON's May webinar: [Healthy and Sustainable Oceans in South Asia: The importance of SAROA Hub](#)
- [Measuring progress towards effective MPAs – Indicators and tools](#), range of speakers from OCTO, IUCN WCPA Marine, and NOAA National MPA Center.
- [Integrating Climate Change into Marine Protected Area \(MPA\) Management Plans](#), Vincenzo Corelli (INRS, l'Institut national de la recherche scientifique).

Selected recent articles from our members

- [Attributing Controlling Factors of Acidification and Hypoxia in a Deep, Nutrient-Enriched Estuarine Embayment](#), Zeldis, J.R., Currie, K.I., et al. *Frontiers in Marine Science*
- [An extended last glacial maximum in the Southern Hemisphere: A contribution to the SHeMax project](#), Petherick, L.M., Knight, J., et al., *Earth-Science Reviews*
- [Delineation of Groundwater Salinity Zones in Shefa and Malampa Provinces](#), Vanuatu, Kotra, K.K., Bathula, S., Sami, E., *Nature Environment and Pollution Technology*
- [Amino acid nitrogen stable isotopes as biomarkers of coastal phytoplankton assemblages and food web interactions](#), Sabadel, A.J.M., Décima, M., *Marine Ecology Progress Series*
- [Microplankton interactions with decadal-scale nutrient enrichment in a deep estuary, with implication for ecosystem stressors](#). Safi, K.A., Zeldis, J.R., et al. *Estuaries and Coasts*.

ECOPs (early career ocean professionals) and outreach happenings

- **Congratulations** to Fenella Deans (University of Otago) who successfully defended her PhD thesis [The influence of climate change on marine bacterioplankton communities and greenhouse gases in New Zealand waters](#). Well done, Fenella!
- **Article:** Useful [guide](#) on communicating your science using Twitter.
- **Funding:** Scientific Committee on Antarctic Research ([SCAR](#)), the Council of Managers of National Antarctic Programs have launched [fellowships for ECOPs](#). Deadline **31 August 2022**.

Conferences, events, and workshops

- [MEDIN workshop](#) on Marine Data Management, Governance and the MEDIN toolset, **8-12 August 2022**
- [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**
- [International Seaweed Symposium](#), Hobart, Tasmania, Australia, **19 - 24 February 2023**

International opportunities

- If you plan to attend the upcoming The Ocean in a High CO₂ World Symposium in Lima, consider attending the free, post-Symposium workshop: [Designing Multiple Driver Experiments](#).
- New Call for [Decade Actions No. 03/2022](#) is now open. Deadline **August 2022**.
- Call for Abstracts! [Frontiers for Young Minds: The Ocean Collection](#). Deadline **31 July 2022**

Jobs

- [Curator](#) at the New Zealand Marine Studies Centre in the Department of Marine Science at the University of Otago in Dunedin, New Zealand. Closes **20 July 2022**.
- [Researcher](#) at James Cook University in Townsville, Australia. Closes **20 July 2022**.
- [Lecturer - Physical Oceanography](#) with the Institute for Marine and Antarctic Studies at the University of Tasmania in Hobart, Tasmania, Australia. Closes **20 July 2022**.
- [Senior Consents Planner - Environmental](#) with Peak Recruitment for the Otago Regional Council in Dunedin, New Zealand. Closes **24 July 2022**.
- [Personal Assistant - Sustainable Seas National Science Challenge](#) with the National Institute for Water & Atmospheric Research (NIWA) in Wellington, New Zealand. Closes **24 July 2022**.
- [Fisheries Observer Supervisor](#) with the Ministry for Primary Industries in Wellington, New Zealand. Closes **25 July 2022**.
- [Senior/Principal Policy Advisor](#) with the Ministry of Business Innovation & Employment in Wellington, New Zealand. Closes **26 July 2022**.

- [Principal/Senior Research Scientist](#) with the Australian Institute of Marine Science in Perth, WA, Australia. Closes **28 July 2022**.
- [Coastal and Marine Scientist](#) with the Nelson City Council in Nelson, New Zealand. Closes **31 July 2022**.
- [Director Fisheries Research](#) with the Department of Regional NSW in Newcastle, Maitland & Hunter, NSW, Australia. Closes **31 July 2022**.
- [Laboratory & Field Technician - Water Quality](#) with the Australian Institute of Marine Science in Townsville, QLD, Australia. Closes **3 August 2022**.
- [Direction Leader](#) with Plant & Food Research in Auckland, Palmerston North, and Christchurch, New Zealand. Closes **4 August 2022**.
- [Fish Ageing Scientist](#) with the National Institute for Water & Atmospheric Research (NIWA) in Wellington and Nelson, New Zealand. Closes **5 August 2022**.
- [Marine Ecology Technician](#) with the National Institute for Water & Atmospheric Research (NIWA) in Nelson, New Zealand. Closes **14 August 2022**.
- [Assistant Director - Scientists](#) with the Department of Agriculture, Fisheries and Forestry in Canberra, Australia.
- [Research Officers - Science](#) with the Department of Agriculture, Fisheries and Forestry in Canberra, Australia.
- [Marine Engineering & Automation](#) with the Minderoo Foundation in Perth, WA, Australia.
- [Senior Marine Scientist](#) with AECOM in Perth, WA, Australia.
- [Marine Consultant](#) with RPS Group in Perth, WA, Australia.
- [Senior Aquatic Ecologist](#) with Cardno in Sydney, NSW, Australia.
- [Principal Ecologist](#) with Cardno in Sydney, NSW, Australia.
- [Senior Scientist - Aquatic Engineering](#) with Plant & Food Research in Nelson, New Zealand
- [Marine Surveyor](#) with SGS in Auckland, New Zealand.
- [Principal Ecologist](#) with Cardo in Sydney, NSW and Brisbane, QLD, 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 - Urban Inverse Modelling](#) with the National Institute for Water & Atmospheric Research (NIWA) in Wellington, New Zealand. Closes **31 July 2022**.
- [Postdoc - Marine Science Technology](#) with the Australian Institute for Marine Science and James Cook University in Townsville, QLD, Australia. Closes **14 August 2022**.
- [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)