



NZOAC September Newsletter

GOA-ON's 2021 [OA week](#) starts next week! There are 23 sessions in this free, virtual event, which range from community discussions to research seminars. NZOAC Early Career Research Aleluia Taise (Victoria University of Wellington) will speak at the [PI-TOA \(Pacific Islands & Territories\) Hub](#) session (16 September, 11.00 am - 12.30 pm). The new [Pacific Islands Regional OA Training Hub](#) will be introduced on 15 September (11.00 am - 12.30 pm). New Zealand researchers are also contributing to two plenary sessions. NZOAC's Kim Currie (NIWA) will give a talk in Plenary Session #1 ([Ocean Acidification From a Global Perspective](#)) (14 September, 11.00 am - 12.30 pm); NZOAC's Christopher Cornwall will give a talk in Plenary Session #2, [Ecosystem Response to Ocean Acidification](#) (14 September, 9.00 - 10.30 pm).

[Physiomar](#) also starts tomorrow. This triennial conference focuses on invertebrate physiology and has strong climate change and multistressor themes this year. [Registration](#) is only \$75 and is still open.

Ocean acidification in New Zealand

With the recent release of the IPCC report, most OA news in New Zealand has been in the wider context of climate change.

- [Newsroom](#) highlighted the expected increase in ocean acidification.
- Opinion pieces in Stuff highlighted the [urgency of climate change and ocean acidification](#) and stressed that ocean acidification is one of many reasons to [protect 30% of our oceans by 2030](#).
- [Stuff also highlighted](#) the New Zealand Marine Science Society's recent [submission to the Climate Change Commission](#) about the ocean's ability to capture and sequester carbon.
- NZOAC member Philip Boyd spoke with The Spinoff about geoengineering and [the necessity of adopting both mitigation and geoengineering strategies](#) to address the rapid changing oceans.

Acidification, fisheries, and aquaculture

- New Zealand Herald's article on the opening of [Whakatōhea Mussels' \\$37m mussel processing factory](#) highlighted discussions at the recent NZMSS conference around ocean acidification.
- An article in Frontiers in Marine Science ([Integrating High-Resolution Coastal Acidification Monitoring Data Across Seven United States Estuaries](#)) demonstrates the value high-resolution coastal monitoring, which can be used to improve buffers in hatchery systems and guide mitigation and adaptation strategies.
- The Port of Seattle released a case study, [How is the Port Addressing Ocean Acidification?](#), that discusses the Port's role in addressing acidification and supporting local fisheries.

Resources

- [Legal Tools in Combating Marine Pollution and Mitigating the Effects of Acidification](#) by Annick de Marffy-Mantuano (in [Fulfilling the Sustainable Development Goals](#)).
- Springer launched a new journal, [Climate Action](#), that targets "researchers and diverse stakeholders who are interested in mitigating hazardous effects of the global climate change"

Upcoming webinars

- [GOA-ON Ocean Acidification Week](#), **13 - 17 September 2021**.
- [Ocean acidification effects on Eastern oysters, surf clams, and Atlantic sea scallops: Commonalities and differences?](#), Shannon Meseck (NOAA NMFS Northeast Fisheries Science Center), **30 September 2021**.
- [Turning the tide of parachute science](#), Paris Stefanoudis (University of Oxford) and Sheena Talma (Nekton Foundation), **20 October 2021**.

Recent webinars (now available for streaming)

- [Response of the Sydney rock oyster microbiome to rapidly warming and acidifying Australian estuaries](#), Elliot Scanes (University of Technology Sydney)
- [Stressors of the Arctic Ocean Ecosystems: Improved Understanding of Primary Production and Ocean Acidification](#), Jens Terhaar (University of Bern)

ECOPs (early career ocean professionals) and outreach happenings

- **ECOP spotlight: Alexia Saint-Macary** studies the impact of climate change on dimethyl sulfide, a gas that is important for the Earth's radiative balance. As a marine chemist, she has experience in analytical chemistry, fieldwork, and data analysis. After her PhD, Alexia would like to continue her career in marine biogeochemistry. Don't hesitate to get in touch - alexia.saint-macary@niwa.co.nz
- **Outreach: Rebecca Zitoun**, together with the European Marine Science Board, is organising a 3-hour communication workshop 'Boosting the impact of your science through effective communication: Learning how to be heard by media, policy makers and stakeholders' at the upcoming [ICYMARE conference](#). 23 September 2021.
- **Article: 3 Things Early Career Researchers Need to Succeed (and How Societies and Publishers Can Help)**. This article highlighted three common career priorities for ECRs and the role of societies and publishers in their success.

Conferences, events, and workshops

- **In New Zealand - Physiomar 2021 Conference**. Nelson, New Zealand, **7-10 September 2021**.
- [OCEANS 2021](#) (virtual and in-person), San Diego-Porto, USA, **20-23 September 2021**.
- [World Fisheries Congress](#) (virtual and in-person), Adelaide, Australia, **20-24 September 2021**.
- **ECOP - International Conference for YOUNG Marine Researchers (ICYMARE)** (virtual), **21-24 September 2021**.
- [Evolving and Sustaining Ocean Best Practices Workshop V](#), (virtual or hybrid, TBC), **20 September - 1 October 2021**.
- [UN Climate Change Conference-COP26](#), (virtual), **4-7 October 2021**.
- [Connecting the world of biodiversity data: standards uniting people, processes, and tools](#), (virtual), **18-22 October 2021**.
- [IMBIZO 6: Marine Biosphere Research: Buoyant Solutions for Ocean Sustainability](#), (virtual), **18-22 October 2021**.
- [World Climate Research Program \(WCRP\) Workshop on Extremes in Climate Prediction Ensembles \(ExCPeNs\)](#), (virtual), **25-28 October 2021**.
- [IMBeR West Pacific Symposium](#) (free, virtual event), **22-25 November 2021**.
- [International Workshop on Application of ocean science and technology for the practice of sustainable "Blue Economy" in developing countries](#), (virtual), **8-9 November 2021**.
- **In New Zealand Australasian Coasts & Ports Conference 2021**. Christchurch, New Zealand, **30 November- 3 December 2021**. Registration is open.
- [The 5th International Symposium on the Ocean in a High CO2 World](#) has been postponed until **13-16 September 2022**.
- **NZOAC - 15th NZOAC Conference**, Nelson, New Zealand, **2-3 November 2022 (TBC)**.

International opportunities

- **ECOP - [Call for nominations for the Future Earth Governing Council](#), 10 September 2021.**
- **ECOP - [Woman Leadership program focusing on students and career opportunities in the marine sector](#), (virtual), 14 September 2021.**
- **ECOP - [Call for nominations of IPBES Fellows](#) to participate in the thematic assessment of the interlinkages among biodiversity, water, food and health, 27 September 2021.**
- **[Call for workshop, session, or track contributions](#) to the upcoming Ocean Best Practices Community Workshop V, 20 September - 1 October 2021.**

Jobs

- [Quantitative Marine Ecologist](#) with National Institute for Water and Atmospheric Research in Hamilton, New Zealand. Closes 5 September 2021.
- [Analyst - Inshore Fisheries](#) with the Ministry for Primary Industry in Auckland, New Zealand. Closes 5 September 2021.
- [Government Relations Assistant Manager](#) with the Australian Institute of Marine Science in Canberra, Australia. Closes 5 September 2021.
- [Planner](#) with GNS Science with locations in Auckland, Hutt Valley, Wellington, and Dunedin, New Zealand. Closes 14 September 2021.
- [Coastal Hazards Scientist/Engineer/Modeller](#) with the National Institute for Water and Atmospheric Research in Hamilton, New Zealand. Closes 26 September 2021.
- [Group Services Coordinator](#) at the Leigh Marine Laboratory with the University of Auckland in Auckland, New Zealand.
- [Technical Services Team Leader - Ecology and Field](#) with the University of Auckland in Auckland, New Zealand.
- [Technical Advisor, Carbon Offset Credits](#) with Global Evergreening Alliance in Melbourne, Australia.
- [Lecturer - Big Data Analytics](#) with James Cook University in Townsville, Australia.
- [Senior Research Technician](#) with the University of Queensland in Brisbane, Australia.
- [Research & Development Technician](#) with Ocean Grown Abalone in Perth, Australia.
- [Managing Aquarist](#) with Advanced Aquarium Technologies in Melbourne Australia.
- [Postdoc - Fisheries and Aquatic Ecology](#) with Delaware State University in Dover, DE, USA.
- [Postdoc - Aquatic Biogeochemistry](#) with the University of Florida in Gainesville, FL, USA.
- [Postdoc - MAP Shellfish Stock Assessment](#) with the Virginia Institute of Marine Science in Gloucester, VA, USA.
- [Postdoc - San Francisco Bay River Plume](#) with Rutgers University, Dept. of Marine & Coastal Science in New Brunswick, NJ, USA.
- [Postdoc - Marine Symbiosis](#) with the University of New Hampshire in Durham NH, USA.
- [Postdoc - Fisheries Conservation](#) with the University of Washington in Seattle, WA, USA.
- [Postdoc - Fisheries Simulation Modelling](#) with Saltwater, Inc. in Anchorage, AK, USA.
- [Postdoc - Environmental Regulation Cephalopod RNA editing](#) with the University of Chicago Marine Biological Laboratory (MBL) in Woods Hole, MA, USA.
- [Postdoc - Modeling Interactions among Wind Energy and Shellfish Fisheries](#) with Rutgers University at the Haskin Shellfish Research Laboratory in Port Norris, NJ, 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.

Cheers,

Christina McGraw, Habibeh Hashemi, Jesse Vance, Rebecca Zitoun, and the NZOAC Council