

The PIER Review



Welcome to the May 2018 issue of the PIER Review, the monthly GOA-ON Pier2Peer newsletter. The Review highlights accomplishments, provides updates for our members, highlights open-access research on ocean acidification, and shares funding or job opportunities. Please send all of your ideas for the newsletter to Meredith Kurz (meredith.kurz@noaa.gov) and we will be sure to incorporate your feedback into future editions of The PIER Review.

P2P PARTNERSHIP Feature

This section features articles on mentorship in research or describes a fruitful P2P partnership.



Ocean Acidification Information Exchange

A new online community catalyzing response to ocean acidification
through collaboration and information sharing

Join the conversation now to:

- Engage** with regional and topical teams
- Address** challenges with others in your field
- Share** resources and information on OA
- Facilitate** interdisciplinary collaboration
- Follow** the latest conferences, workshops, and webinars

Learn more and sign up at www.OAInfoExchange.org

This month, join the Ocean Acidification Information Exchange! The OAIE is a new interactive website that is catalyzing response to ocean acidification through collaboration and information sharing. The OA Information Exchange is a joint project of the NOAA OA Program, the Interagency Working Group on OA, and the Northeastern Regional Association of Coastal Ocean Observing Systems. Members of the OAIE are using the site's collaborative tools to share resources, engage in online discussions, and interact with people in other disciplines and regions to build a well-informed community working to respond and adapt to ocean acidification. Anyone working on or with an interest in ocean acidification can join the OAIE including government, tribal and academic research scientists, citizen scientists, experiential

and formal educators, NGO employees, marine resources managers, policy makers, concerned citizens, aquaculturists, people in the fishing industry, technology developers, data managers, and others.

All you have to do is request access with your name, affiliation, and email address, and you will be quickly approved to use the forum. Pier2Peer mentees are encouraged to mention that they are Pier2Peer participants in their OAIE profiles. When you write a post, you can include a tag that says “Pier2Peer” which will help others find you and collaborate. The OAIE is a great space to ask general questions when your mentor is busy, or if the two of you have a specific question that could use outside feedback. There are various “teams” that you can join, which are regional or thematic. It’s also a great place to find recent research, and many people have begun using it to share job or funding opportunities.

If you have any questions about the OA Information Exchange, please contact Shallin Busch (shallin.busch@noaa.gov).

BECOME A Pier2Peer RECRUITER

We are always recruiting senior and experienced OA observing experts to serve as mentors and early career scientists from emerging regions to become mentees. If you know someone who would be a good mentor or mentee, direct them to the [Pier2Peer website](#) or put them in contact with Meredith Kurz (meredith.kurz@noaa.gov).

If you are attending a meeting or event, are interested in sharing a few slides on the program and disseminating sign-up information, please email Meredith and we will send you communication materials and sign-up sheets for your upcoming event. And thanks!

UPCOMING OA WORKSHOPS

Ocean Carbon Biogeochemistry (OCB) Biogeochemical Profiling Float Workshop

Organization: Ocean Carbon Biogeochemistry Program

Date and Location: 9-13 July 2018 at University of Washington in Seattle, Washington, USA

Description: This workshop will bring together potential users of biogeochemical profiling float technology, sensors, and data. Participants will discuss study designs, technology development, and data management. There is a very limited amount of money for travel assistance.

Registration: Open until filled

[Workshop Details](#)

UPCOMING EVENTS and CONFERENCES

[World Oceans Day](#) is on June 8th, and this year the focus is plastic pollution prevention and exploring sustainable solutions for a healthy ocean. The World Ocean’s Day website has [resources](#) to help you find or plan events celebrating oceans, raising awareness, or conducting beach cleanups.

[The 4th International Symposium on the Effects of Climate Change on the World's Oceans](#)

hosted by ICES/PICES/IOC-UNESCO/FAO on 4-8 June 2018 in Washington, D.C., U.S.A. Abstract submission is closed but registration is still open.

[The Association for the Sciences of Limnology and Oceanography 2018 Summer Meeting](#) will be held on 10-15 June 2018 in Victoria, British Columbia, Canada. Abstract submission is closed but registration is still open.

[The 4th GEO Blue Planet Symposium on Oceans and Society](#) will be held on 4-6 July 2018 in Toulouse, France. Abstract submission is closed, registration is still open.

[The International Council for the Exploration of the Sea \(ICES\) Annual Science Conference 2018](#) will be held on 24-27 September 2018 in Hamburg, Germany. Abstract submission is closed but registration is still open.

[The Sustainable Ocean Summit](#) organized by the World Ocean Council will be held on 14-16 November 2018 in Hong Kong.

[The 24th Conference of the Parties to the UN Framework Convention on Climate Change](#) will be held on 3-14 December 2018 in Katowice, Poland. Registration as a non-Party stakeholder is not yet open.

[OceanObs'19](#) is part of a decadal conference series on setting ocean observation priorities to be held on 16-20 September 2019 in Honolulu, Hawaii, U.S.A. Abstract submission for white papers is closed; registration and a call for posters will be open in the fall of 2018. OceanObs'19 is expecting 1400-1500 attendees and will announce some scholarships to attend for early career scientists and those working in developing nations at a later date.

FUNDING and JOB OPPORTUNITIES

[WIOMSA Funding for Establishing OA Observations in the Western Indian Ocean](#)

Organization: Western Indian Ocean Marine Science Associated (WIOMSA), IOC-UNESCO, the IAEA OA-ICC, and GOA-ON.

Description: WIOMSA and partners are calling for proposals for establishing ocean acidification observation systems in the field, investigating biological response to ocean acidification stress using experimental set-ups in the laboratory, or a combination of both from institutions in the WIO region.

Requirements: Must be representing an institution in the WIO region and provide a proposal according to the requirements, with long-term goals to conduct OA research or observations.

Amount: Maximum USD 100,000 per site/institution

Application Deadline: 26 May 2018 (must fill out interest survey by 19 May)

[Application Details](#)

The World Academy of Sciences Research Grants Programme

Organization: The World Academy of Sciences, the Swedish International Development Cooperation Agency

Description: Under this scheme, grants can be awarded for research projects in Biology, Chemistry, Mathematics and Physics to research units (group program) or individual young researchers (individual program) in the science-and-technology-lagging countries (S&TLC) identified by TWAS, to enable them to purchase the research facilities they need to enhance their productivity.

Requirements: Applicants must be from one of the 66 [S&TLC countries](#), hold a PhD, and be a lab supervisor for at least one graduate student. For the individual program, must be under 45.

Amount: Maximum USD 30,000

Application Deadline: 11 May 2018

[Group Application](#) Details, [Individual Application Details](#)

The Ocean Foundation Pier2Peer Scholarships

Organization: The Ocean Foundation

Description: Small grant program providing funds to Pier2Peer matches to collaborate on a project, conduct training visits, collect data for GOA-ON submission, etc.

Requirements: Applicants must be in a Pier2Peer partnership and applying to use funds to support this collaboration.

Amount: USD 5,000

Application Deadline: July 16th is the due date for the Summer 2018 review period; applications are accepted on a continuing basis; submit to avalauriorton@oceanfdn.org and meredith.kurz@noaa.gov.

Application Details: Attachment with this email

Western Indian Ocean Marine Science Association Marine Research Grant Programme

Organization: Western Indian Ocean Marine Science Associated (WIOMSA)

Description: The award is designed to enhance the capacity of scientists in the Western Indian Ocean region to conduct marine research. There are three tiers (MARG I, II,III) that vary in duration and amount. MARG I applications are closed.

Requirements: Applicants should be young scientists studying the Western Indian Ocean region

Amount: USD 3,000 (MARG III), USD 6,000 (MARG II)

Application Deadline: 30 September 2018 for MARG II, no deadline for MARG III

[Application Details](#)

US Agency for International Development Partnership for Enhanced Education and Research

Organization: US Agency for International Development and US National Science Foundation

Description: The award is intended to foster international partnerships between eligible developing country institutions and a partner US institution.

Requirements: Applications must be submitted together by representatives from either a higher education institution in the US or from a higher education institution in a developing country. Either institution may be the prime awardee and the two institutions must have well developed plans to collaborate. [Examples of previous awards](#)

Amount: USD 500,00 to 1,000,000

Application Deadline: Next deadline January 2019; proposals can take a while to develop

[Application Details](#)

EMBO Short-Term Travel Fellowships

Organization: European Molecular Biology Organization

Description: The fellowship funds research exchanges of up to three months between laboratories in [eligible member countries and cooperation partners](#).

Requirements: Applicants must be from one of the member or cooperation countries and traveling to a lab in another member or cooperation country. Research must be related to life sciences. The travel must be associated with a larger project and not just limited to training in a technique, though it can include that type of training.

Amount: Travel and living costs of the traveling fellow

Application Deadline: Three months before proposed starting date of travel

[Application Details](#)

Jobs Lists:

[The Global Marine Community Newsletter & Jobs List](#)

[Josh's Water Jobs List](#)

LINKS to select OPEN ACCESS ARTICLES on OA

News:

Stay up to date on ocean acidification science and policy news with [the Ocean Acidification International Coordination Centre's newstream!](#)

[Seaweed farming and its surprising benefits](#). *CBS News*. Lesley Stahl, 29 April 2018.

Science:

Bianucci, L, Long, W, Khangaonkar, T, Pelletier, G, Ahmed, A, Mohamedali, T, Roberts, M, and C Figueroa-Kaminsky. 2018. [Sensitivity of the regional ocean acidification and carbonate system in Puget Sound to ocean and freshwater inputs](#). *Elementa: Science of the Anthropocene*. 6(1): 22.

DOI: <http://doi.org/10.1525/elementa.151>

Gazioğlu, C, Müftüoğlu, AE, Demir, V, Aksu, A, and V. Okutan. 2018. [Connection between ocean acidification and sound propagation](#). *International Journal of Environmental and Geoinformatics*. 2(2): 16-26. DOI: [10.30897/ijegeo.303538](https://doi.org/10.30897/ijegeo.303538)

Hancock, AM, Davidson, AT, McKinlay, J, McMinn, A, Schulz, KG, and RL van den Enden. 2018. [Ocean acidification changes the structure of an Antarctic coastal protistan community](#). *Biogeosciences*. 15: 2393-2410. <https://doi.org/10.5194/bg-15-2393-2018>

Matear, RJ, and A Lenton. 2018. [Carbon-climate feedbacks accelerate ocean acidification](https://doi.org/10.5194/bg-15-1721-2018). *Biogeosciences*. 15: 1721-1732. <https://doi.org/10.5194/bg-15-1721-2018>

Mayer, B, Rixen, T, and T Pohlmann. 2018. [The spatial and temporal variability of air-sea CO₂ fluxes and the effect of net coral reef calcification in the Indonesian seas: a numerical sensitivity study](https://doi.org/10.3389/fmars.2018.00116). *Frontiers in Marine Science*. <https://doi.org/10.3389/fmars.2018.00116>

Sánchez-Noguera, C, Stuhldreier, I, Cortés, J, Jiménez, C, Morales, A, Wild, C, and T Rixen. 2018. [Natural ocean acidification at Papagayo upwelling system \(north Pacific Costa Rica\): implications for reef development](https://doi.org/10.5194/bg-15-2349-2018). *Biogeosciences*. 15: 2349-2360. <https://doi.org/10.5194/bg-15-2349-2018>

Stange, P, Taucher, J, Bach, LT, Algueró-Muñiz, M, Horn, HG, Krebs, L, Boxhammer, T, Nauendorf, AK and U Riebesell. 2018. [Ocean acidification-induced restructuring of the plankton food web can influence the degradation of sinking particles](https://doi.org/10.3389/fmars.2018.00140). *Frontiers in Marine Science* 5:140. <https://doi.org/10.3389/fmars.2018.00140>

