



2019 Ocean Carbon and Biogeochemistry (OCB) Workshop

June 24-27, 2019

Woods Hole Oceanographic Institution

OCB Project Office (WHOI)

Executive Officer: Heather Benway

Administrative Associate: Mary Zawoysky

Communications Officer: Mai Maheigan

OCB Scientific Steering Committee

Chair: Bethany Jenkins (URI)

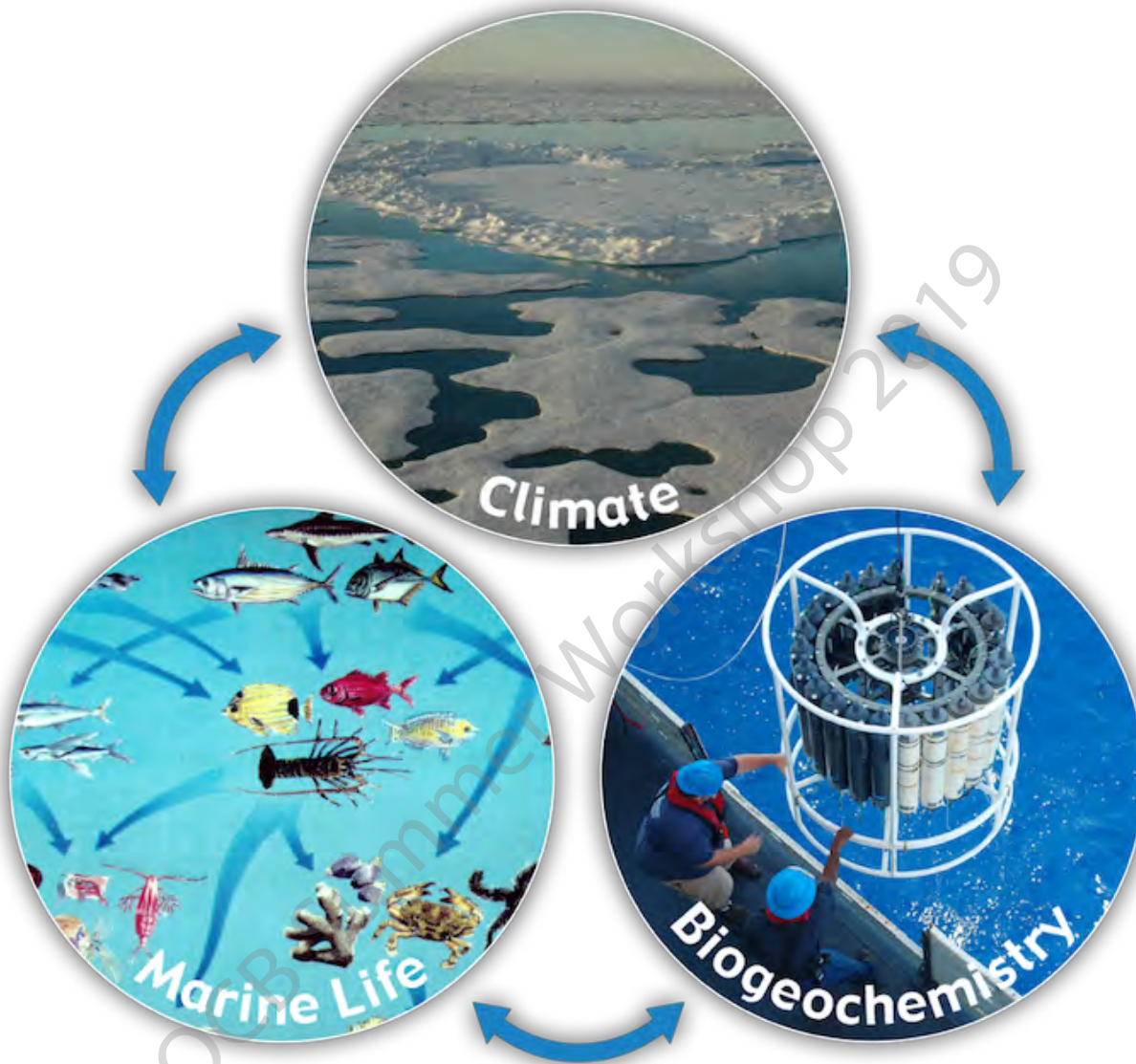
Vice Chair: Marjorie Friedrichs (VIMS)



Thank you to our host and sponsors!

Celebrating 13 Years of Ocean Carbon Cycle Science!

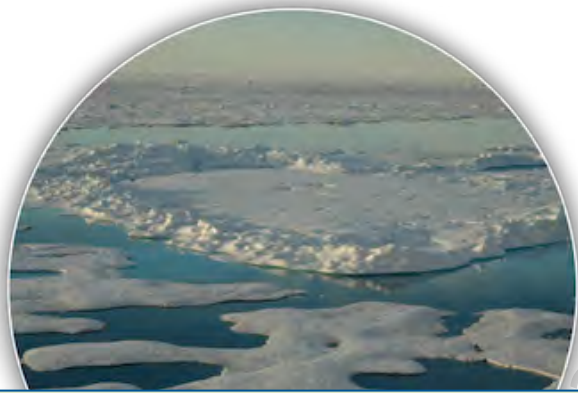




@US_OCB

us-ocb.org





OCB is a **network of scientists** working across disciplines to understand the ocean's role in the global carbon cycle and how marine ecosystems and biogeochemical cycles are responding to environmental change.

Marine Life

Biogeochemistry

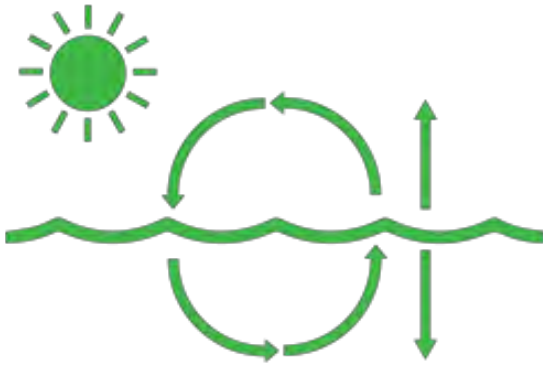


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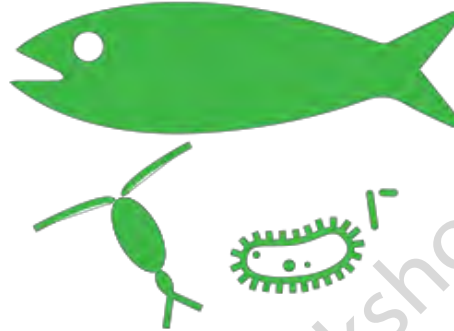
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OCB SCIENCE



Biological pump



**Marine ecosystem
function and change**



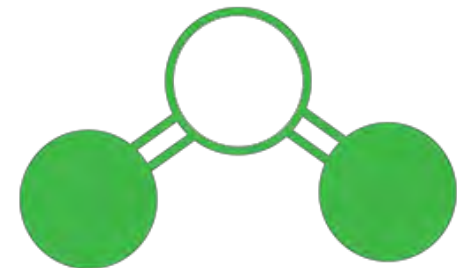
Ocean observing
(ships, autonomous, space)



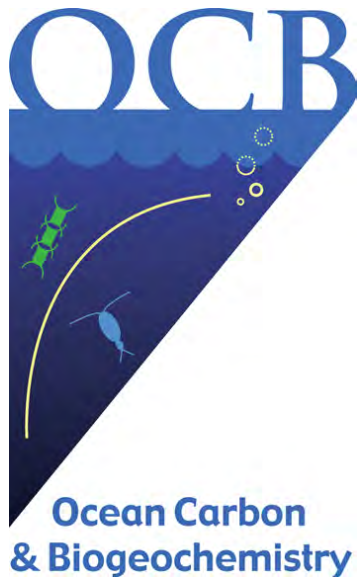
**Estuarine and coastal
carbon fluxes**



Ocean carbon uptake



**Changing ocean
chemistry**



OCB FAQs

1. How does OCB work?

From the **BOTTOM UP** (community- and science-driven)

2. Does OCB fund research?

No. **OCB INSPIRES research**. Interdisciplinary OCB activities serve as an incubator for ocean carbon cycle science.



@US_OCB

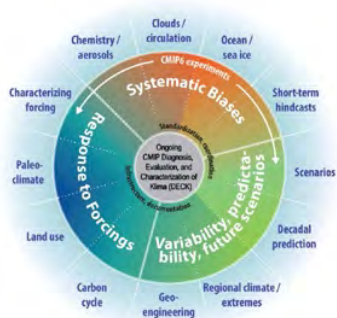
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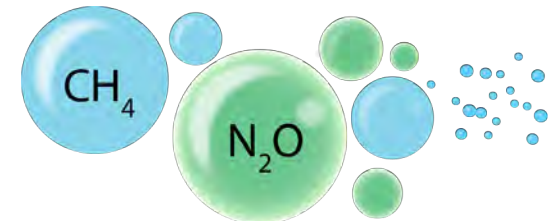
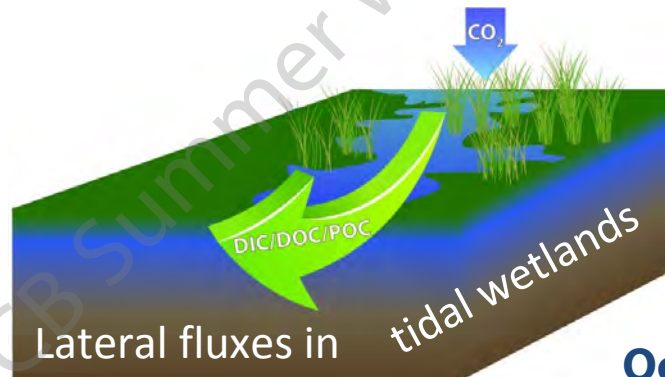
OCB SUPPORT ROLES

Coordination of community science activities

- **42** community workshops
- **4** short courses and training activities
- **10** topical working groups
- **32*** reports, science plans, best practices, etc.



Ocean carbon uptake in CMIP6 models



Oceanic methane & nitrous oxide

 **Biogeochemical Float Workshop**



OCB SUPPORT ROLES

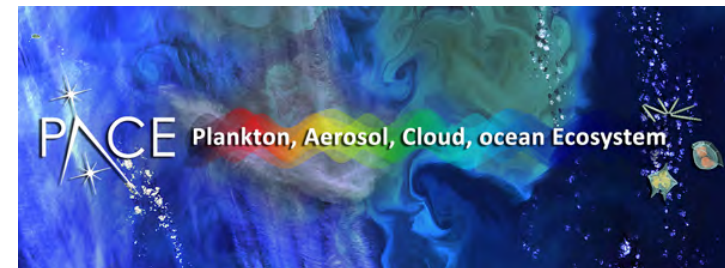
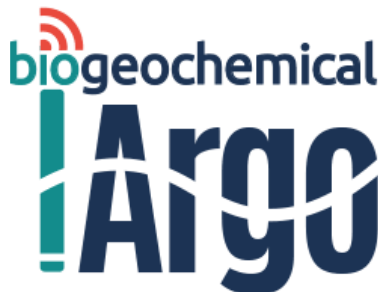
Scientific leadership and planning

- **64** OCB Scientific Steering Committee members
- **5** topical subcommittees
- **3** OCB-led science plans
- **Countless** OCB community contributions to transformative programs and field campaigns



SOCCOM

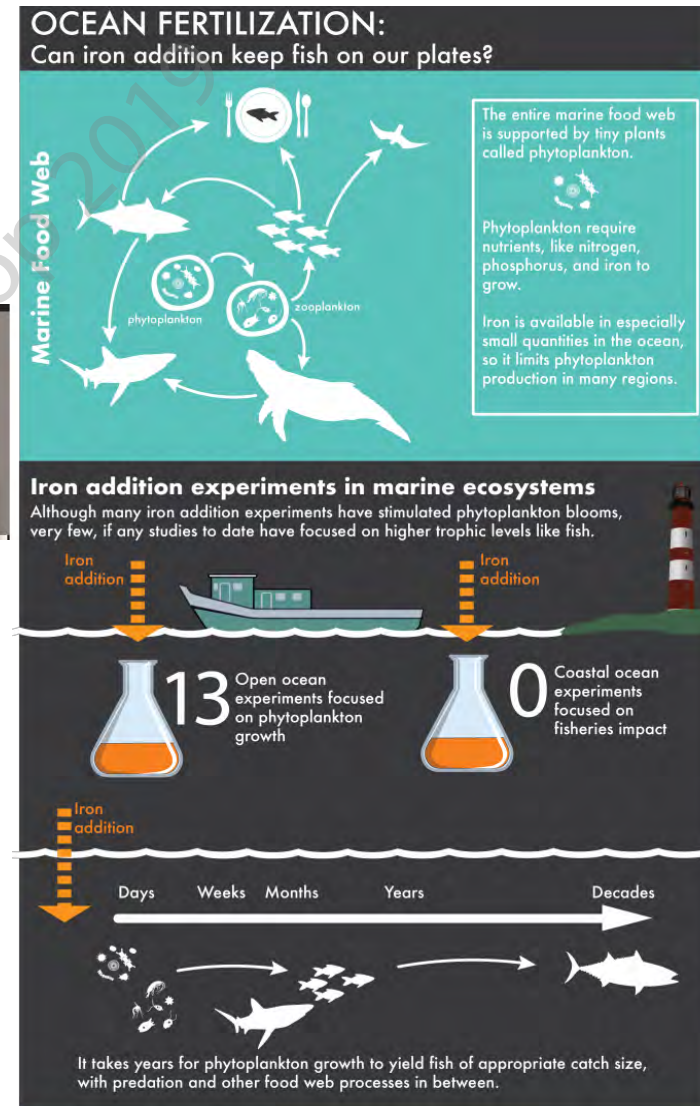
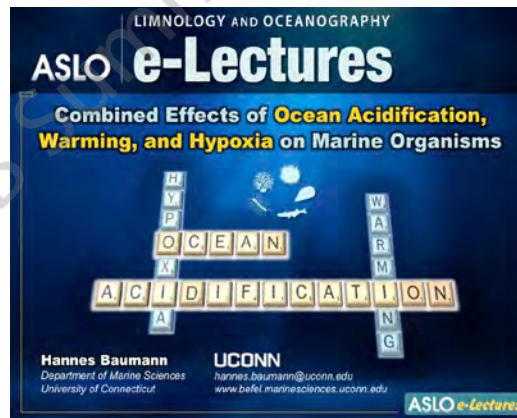
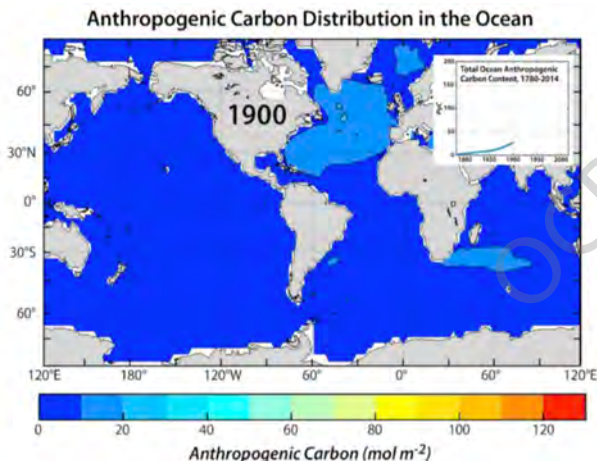
*Unlocking the mysteries
of the Southern Ocean*



OCB SUPPORT ROLES

Education and outreach

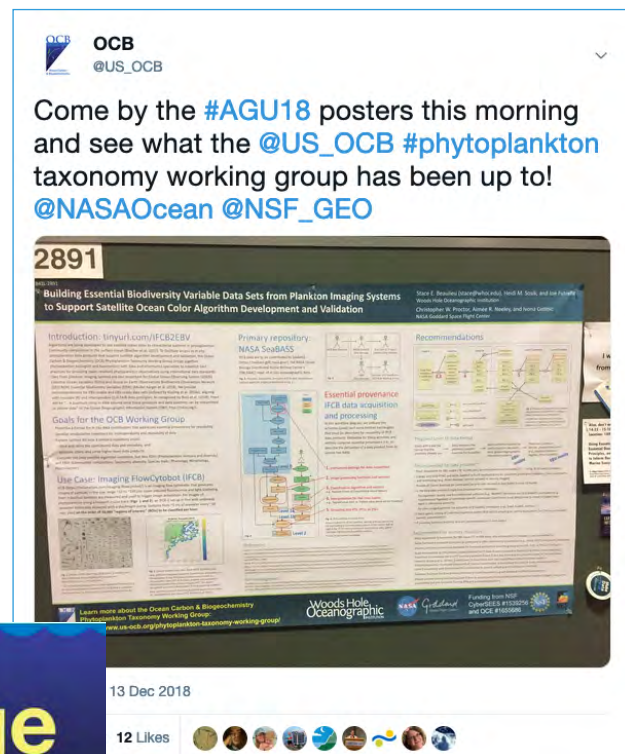
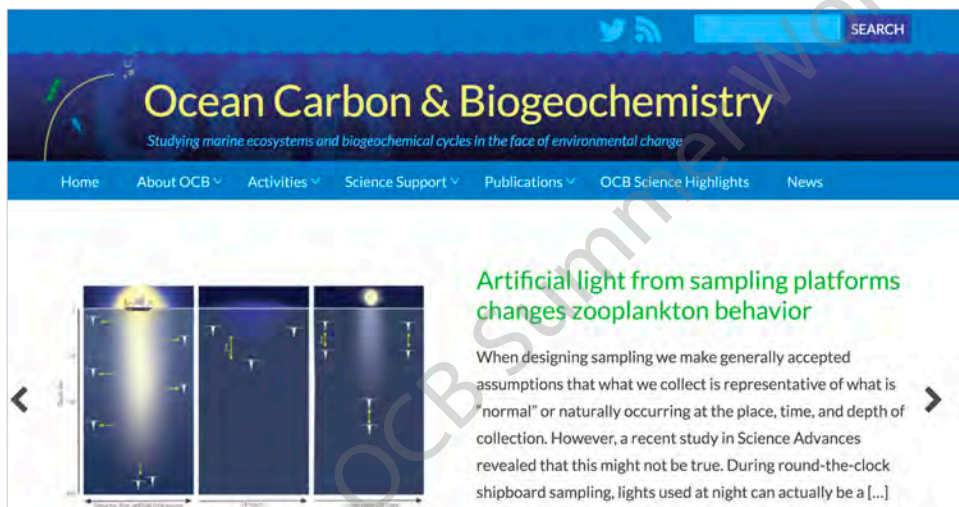
- 9 outreach products



OCB SUPPORT ROLES

Communication and networking

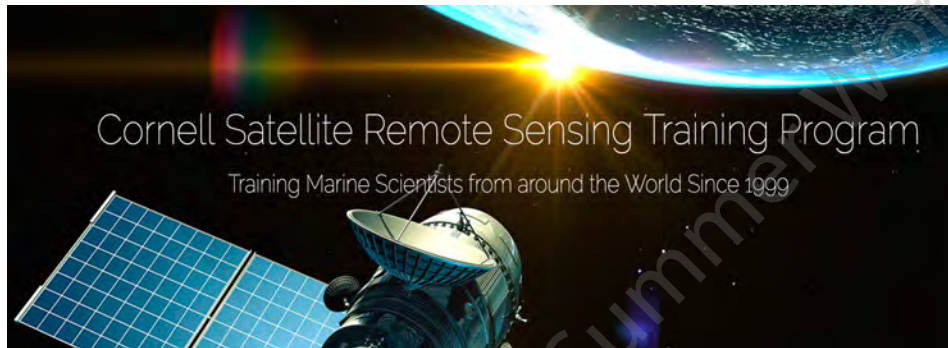
- Website us-ocb.org
- Biweekly eNewsletter ([sign up on website](#))
- Twitter [@US_OCB](https://twitter.com/US_OCB)



OCB SUPPORT ROLES

Early career training and engagement

- **Hundreds** of early career researchers supported



Ocean Biogeochemistry
Gordon Research Conference



@US_OCB

Use #OCB2019 this week!

**Propose/lead/attend an
OCB activity**

Subscribe to OCB eNewsletter on our website!

GET INVOLVED!

us-ocb.org

**Propose/lead a summer
workshop session**

Share new publications

OCB leadership committees



- **Poster (Clark 507):** Visit poster describing data practices for making OCB data FAIR (Findable, accessible, Interoperable, Reusable)
- **Help desk (Redfield lobby):** Provide valuable user feedback and ask data-related questions
- **Tuesday lunchtime demo (Redfield auditorium):** Learn about the new data access tool that allows subsetting, and direct download of BCO-DMO data in a variety of ready- to-use formats



@BCODMO

bco-dmo.org

Workshop Logistics

- **Thirsty?** Water cooler in the lobby, fill your new cup!
- **Meals** – tent outside Redfield (except Tues. breakfast/poster session)
- **Bathrooms** are downstairs
- **Women's lounge** in upstairs bathroom
- **Workshop documents page** on workshop website
- **Plenary speakers page** on workshop website
- **WIFI problems?** Help is available in Redfield lobby

Still have Qs? Ask Project Office staff or SSC members (look for coccolithophore and diatom buttons)



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Enjoy the workshop!