



2017 Ocean Carbon and Biogeochemistry (OCB) Workshop

June 26-29, 2017

Woods Hole Oceanographic Institution

OCB Project Office (WHOI)

Executive Officer: Heather Benway

Administrative Associate: Mary Zawoysky

Communications Officer: Mai Maheigan

Executive Scientist: Scott Doney

OCB Scientific Steering Committee

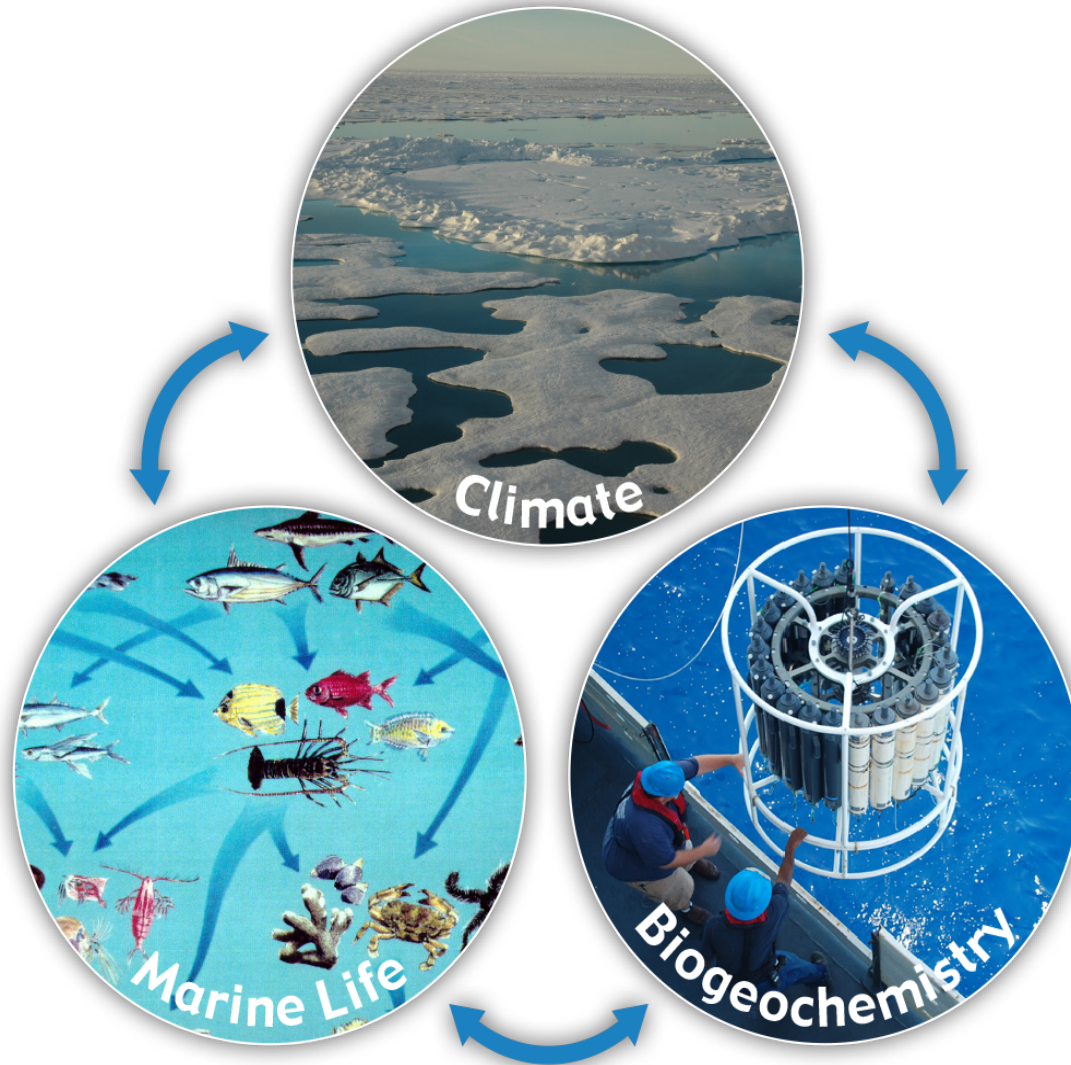
Chair: Matt Church (Univ. Montana)

Vice Chair: Bethany Jenkins (URI)



Thank you to our host and sponsors!

WHAT IS OCB?



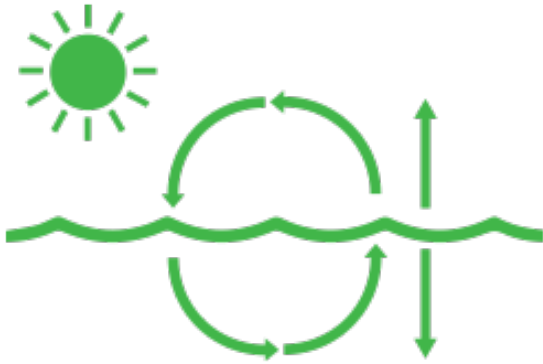
WHAT IS OCB?



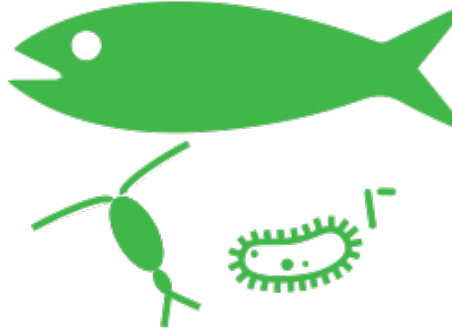
OCB is a **network of scientists** working across disciplines to understand the ocean's role in the global carbon cycle and how marine ecosystems and biogeochemical cycles are responding to environmental change.



OCB SCIENCE



Biological pump



Changing marine ecosystems



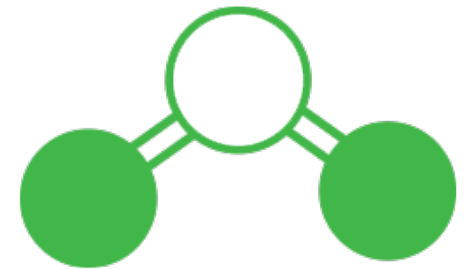
Ocean observing
(ships, autonomous, space)



Estuarine and coastal carbon fluxes



Ocean carbon uptake



Changing ocean chemistry

OCB SUPPORT ROLES

- ✧ **Coordination** of science workshops and activities
- ✧ US and international **science planning**
- ✧ **Communication and networking** (website, email newsletters, science highlights, social media)
- ✧ Development and dissemination of **education and outreach** materials
- ✧ **Training and engagement of early career** OCB scientists



OCB LEADERSHIP

OCB Project Office (WHOI)



Mai Maheigan
Communications Officer



Mary Zawoysky
Administrative Associate



Scott Doney
Executive Scientist



Heather Benway
Executive Officer

OCB Communication and Networking: New Developments

New website (us-ocb.org)

- Searchable, RSS feed enabled
- Content accessible by pull-down menus (above) and scientific topic (below)
- More visually engaging
- Built-in metrics

The screenshot displays the website for Ocean Carbon & Biogeochemistry (us-ocb.org). The header features the site's name in large yellow text, a tagline "Studying marine ecosystems and biogeochemical cycles in the face of environmental change", and a navigation bar with links: Home, About OCB, Activities, Science Support, Publications, New OCB Research, and News. A search bar is located in the top right corner.

Below the header, there is a section titled "Ocean Carbon Exchange" with a graphic of a green microorganism and a yellow arc. The text reads: "Ocean Carbon Exchange Ocean Carbon & Biogeochemistry eNewsletter". To the right of this graphic, a text block explains the newsletter: "Find jobs, read news from the OCB Project Office and OCB Community, view upcoming meeting and deadlines in the Ocean Carbon Exchange eNewsletter, sent every other Thursday. Click to read or sign up here. Note, this eNewsletter replaces the ocb-all email listserv. The Ocean Carbon Exchange archive is available here. Please send announcements to ocb_news@whoi.edu." A "READ MORE" link is provided.

The main content area is titled "SCIENTIFIC BREADTH" and features six icons representing different scientific topics: Changing Ocean Chemistry (molecular structure), Ocean Carbon Uptake and Storage (circular arrows), Estuarine and Coastal Carbon Fluxes (wavy line with plant), Changing Marine Ecosystems (fish and microorganism), Biological Pump (sun and circular arrows), and Ocean Observatories (satellite and ship).

The footer contains three sections: "Quick Links" with a list of links (New OCB Research, Recent News, Job & Postdoc Listing, Early Career, Meeting Calendar, Funding Sources, OCB Summer Workshop), "Tweets by @US_OCB" showing a tweet about a new issue of the Ocean Carbon Exchange, and "Email Updates" with input fields for "First", "Last", "Enter Email", and "Confirm Email".

OCB Communication and Networking: New Developments

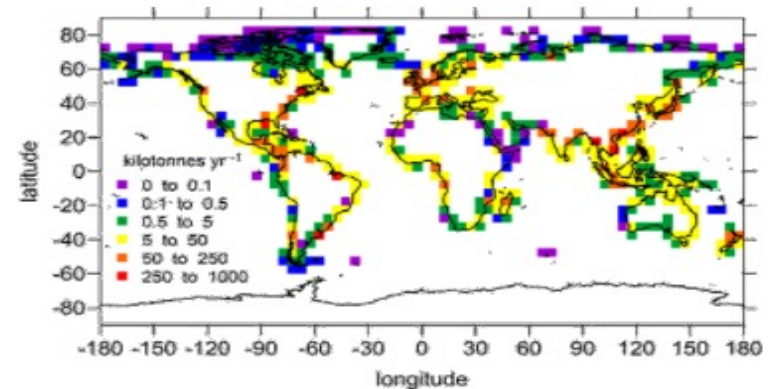
New eNewsletter *Ocean Carbon Exchange*

- Biweekly compilations of scientific highlights and information (new OCB research, jobs/postdocs, meetings, etc.)
- Reduced email traffic
- More visually engaging
- Archived on website



May 25, 2017

1. News from the OCB office
2. Community Announcements
3. Jobs & Postdocs
4. Student Opportunities
5. Funding Opportunities
6. Meetings & Workshops



New OCB Research

Do rivers supply nutrients to the open ocean? Click to [read the post](#) or the [original article](#).

News from the OCB Project Office

Where did the ocb_all list go?

The Project Office would like to announce that the ocb_all email list is no longer active and has been fully replaced by this *Ocean Carbon Exchange* eNewsletter. The *Ocean Carbon Exchange* is sent biweekly on Thursdays. Please send announcements to ocb_news@whoi.edu.

Indian Ocean Science Workshop - register by July 14

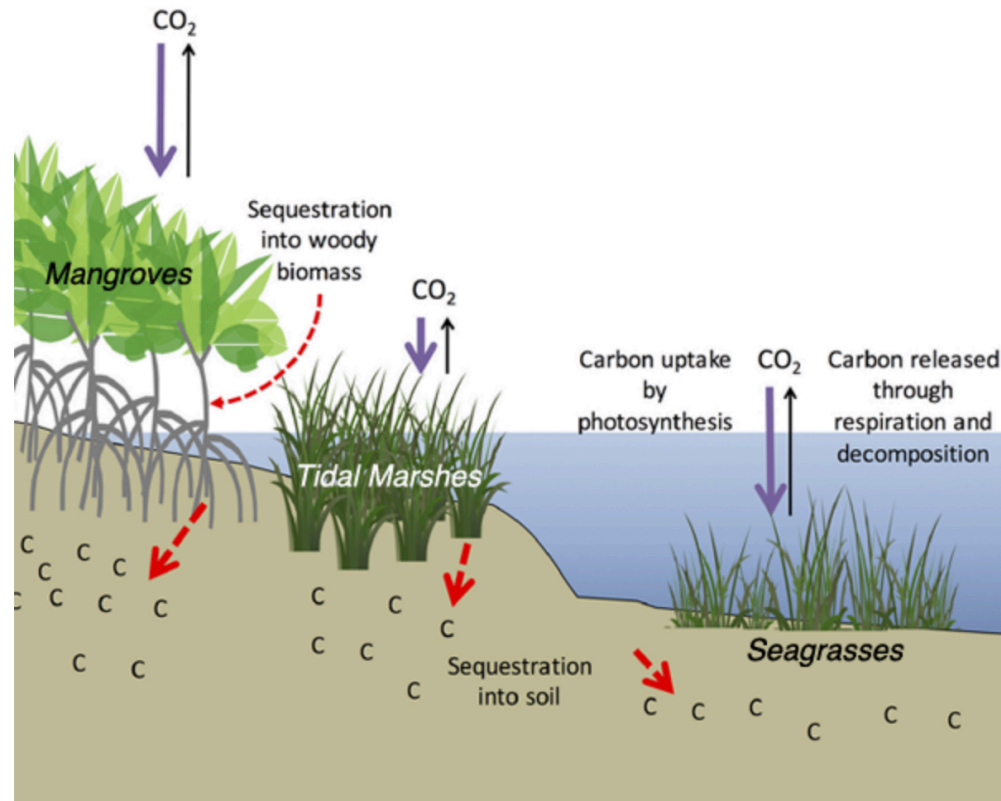
To harness growing interest among US scientists in Indian Ocean research, the US IOE-2 Steering Committee is organizing an **Indian Ocean community workshop** **September 11-13, 2017 in La Jolla, CA.**



OCB Communication and Networking: New Developments

OCB Research Highlights

- Short biweekly write-ups that highlight newly published OCB-relevant research
- Help authors get word out
- Keep OCB community apprised of new research on a more regular basis
- Archived on website
- Keyword searchable



Quantifying coastal and marine ecosystem carbon storage potential for climate mitigation policy and management

OCB Communication and Networking: New Developments

Social Media



@US_OCB

- More frequent and consistent posts (OCB science, funding, meetings, jobs, etc.)
- Increased following
- Built-in metrics



OCB LEADERSHIP

Scientific Steering Committee (SSC)



Andrew Barton,
Early career (SIO)



Matt Church, Chair
(Univ. Montana)



Jessica Cross
(NOAA/PMEL)



Scott Doney
(Univ. Virginia)



Marjy Friedrichs
(VIMS)



Bethany Jenkins,
Vice chair (URI)



Laurie Juranek
(OSU)



Nikki Lovenduski
(Univ. Colorado)



Mike Lomas
(Bigelow)



Dennis McGillicuddy
(WHOI)



Uta Passow
(UCSB)



Anton Post
(FAU)



Alyson Santoro
(UCSB)



Debbie Steinberg
(VIMS)



Ben Twining
(Bigelow)



Angel White
(OSU)

OCB LEADERSHIP

Topical Subcommittees

- **Ocean Time-Series Committee:** Co-Chairs Angel White (OSU), Naomi Levine (USC)
- **Biogeochemical-Argo Subcommittee:** Co-Chairs Ken Johnson (MBARI), Emmanuel Boss (Univ. Maine)
- **Previous subcommittees:** Ocean acidification, ocean fertilization

OCB LEADERSHIP

Topical Subcommittees

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OCB LEADERSHIP

Topical Subcommittees



The screenshot shows the website for Ocean Carbon & Biogeochemistry. The header features the title "Ocean Carbon & Biogeochemistry" in yellow, with the tagline "Studying marine ecosystems and biogeochemical cycles in the face of environmental change" below it. A navigation bar includes links for Home, About OCB, Activities, Science Support, Publications, New OCB Research, and News. A dropdown menu for "About OCB" is open, showing options like About Us, Project Office, Scientific Steering Committee, OCB Subcommittees (highlighted), Scientific Breadth, and Get Involved. A sub-menu for "OCB Subcommittees" is also visible, listing the Ocean Time-Series Committee and the US Biogeochemical-Argo Subcommittee. The main content area features a section titled "Ocean Carbon Exchange" in green, which includes text about finding jobs, reading news, and signing up for the eNewsletter. A "READ MORE »" link is provided at the bottom of this section.

Ocean Carbon & Biogeochemistry
Studying marine ecosystems and biogeochemical cycles in the face of environmental change

Home About OCB ▾ Activities ▾ Science Support ▾ Publications ▾ New OCB Research News

About Us
Project Office
Scientific Steering Committee
OCB Subcommittees
Scientific Breadth
Get Involved

Ocean Time-Series Committee
US Biogeochemical-Argo Subcommittee

Ocean Carbon Exchange

Find jobs, read news from the OCB Project Office Community, view upcoming meeting and deadline
Carbon Exchange eNewsletter, sent every day. Click to read or sign up here. Note, this is the ocb-all email listserv. The Ocean Carbon Exchange is available here. Please send announcements to ocb_news@whoi.edu.

[READ MORE »](#)

NEW ACTIVITIES

- **Indian Ocean Science Workshop**
September 11-13, 2017, La Jolla, CA
Contact: Raleigh Hood, UMCES
- **Ocean Carbon Hot Spots Workshop**
September 25-26, 2017, Moss Landing, CA (joint with US CLIVAR)
Contact: Andrea Fassbender, MBARI
- **Phytoplankton Taxonomy Working Group** Contacts: Heidi Sosik, WHOI and Aimee Neeley, NASA GSFC)
- **Biogeochemical-Argo Subcommittee**
Contacts here at OCB 2017: Melissa Omand, URI and Yui Takeshita, MBARI



NEW ACTIVITIES (cont'd)

- **Nitrogen fixation working group** contacts: Angel White, OSU; Julie Granger, UConn; Pia Moisander, UMassD
- **IMBeR IMBIZO 5** (October 2-5, 2017, Woods Hole, MA) contacts: Heather Benway (OCB), Lisa Maddison (IMBER IPO)
- **OSM 2018 and 4th US Ocean Acidification Principal Investigators Meeting** (February 2018, weekend after Ocean Sciences Meeting, Portland, OR) contact: Heather Benway (OCB)





**Participate in OCB
activities**

Subscribe to OCB eNews

GET INVOLVED!

**New website
us-ocb.org**

**Join OCB leadership
committee**

**Submit an OCB activity
proposal later this year**

**Ocean Carbon
& Biogeochemistry**

Logistical reminders

Basics (water, food, bathrooms, transportation)

Webcasting (ocb_live@whoi.edu)

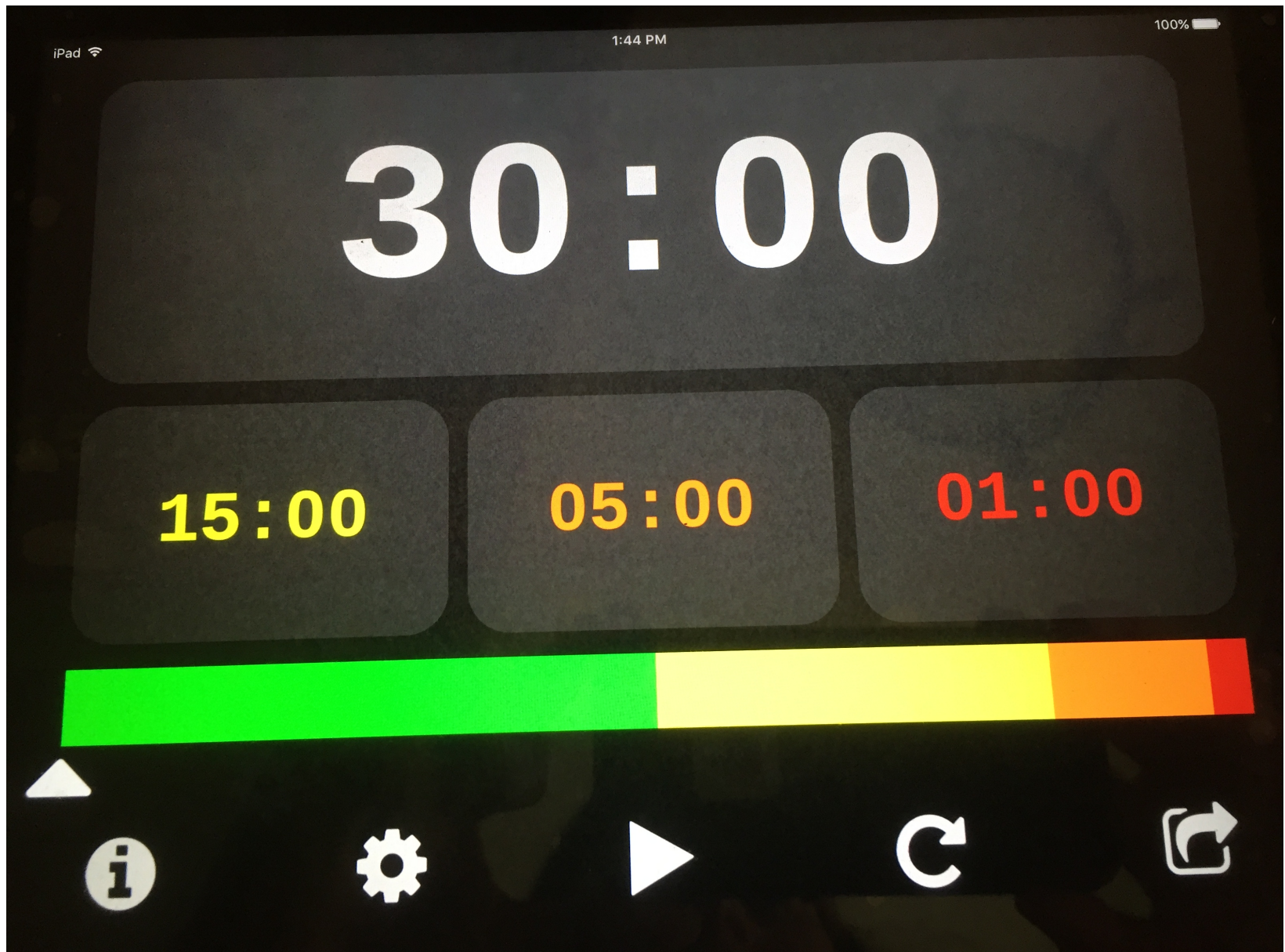
Wi-fi (WHOI_Meeting Password: OCBSummer2017)

Poster sessions

Social media (follow @US_OCB and tweet #OCB2017)

Plenary speakers

Speakers beware...





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Woods Hole Oceanographic Institution



Enjoy the workshop!