

**Ocean Acidification Workshop Agenda
Scripps Institution of Oceanography
La Jolla, CA
Sumner Auditorium
October 9-11, 2007**

(Shuttles will leave La Jolla Shores Hotel starting at 7:45 a.m. It will take 3 trips to get everyone to Scripps.)

Tuesday, October 9, 2007

800 Breakfast Outside the Sumner Auditorium

(Posters can be put up immediately on the wall outside Sumner Auditorium. It is a concrete wall so we will provide tape to use.)

830 Logistics by Vicki Fabry, California State University, San Marcos

840 Welcome by Tony Haymet, Scripps Institution of Oceanography

850 NSF, NOAA, NASA

920 What we hope to accomplish Chris Langdon, University of Miami, and Vicki Fabry

930 Session A, Moderator: Cynthia Pilskaln, University of Massachusetts

Hugh Ducklow, Marine Biological Laboratory: How will polar plankton ecosystems respond to ocean acidification?

1010 Coffee break (30 min) Outside the Sumner Auditorium

1040 Mark Green, St. Joseph's College: Death by Dissolution: The fate of carbonate-bearing organisms in nearshore marine environments in a high CO₂ world

1120 Session B, Ocean acidification mesocosm studies, Moderator: Richard Feely, NOAA/PMEL

Ulf Riebesell, Leibniz-Institut für Meereswissenschaften an der CAU zu Kiel: Pelagic mesocosms for future ocean simulations

1200 Lunch and posters: 1 hour Outside Sumner Auditorium: Seating will be anywhere you can perch on the wall or at the nearby Pawka Green

1300 Kerim Aydin (Impacts on fisheries)

1340 Breakout 1 (Participants will be given instructions and questions to be answered)

Breakouts rooms are: Sumner Auditorium

Hubbs 4500

SIO Library Conference room (Helen Raitt Room): 20 people

IGPP 12B: ~24 people

Room 10: 20 people (this room has fixed chairs and cannot accommodate tables)

1500 Coffee break There will be two set ups. One outside Sumner Auditorium and one outside Hubbs 4500.

1530 Breakout 1 continued

1640 Report back to from Breakout 1 to plenary Sumner Auditorium

17:00 Posters Outside Sumner Auditorium

1800-2000 Reception at Birch Aquarium (Can they walk there)

Shuttles will leave from outside of Birch Aquarium starting at 7:45 p.m. to get everyone back to the hotel. It will take 3 trips to get everyone back to the hotel.

Wednesday, October 10, 2007

800 Breakfast Outside the Sumner Auditorium

830 Update: Chris & Vicki Sumner Auditorium

845 Session C, Moderator: Peter Edmunds
Anne Cohen (Calcification mechanisms)

925 Brad Seibel, University of Rhode Island: Physiological response to ocean acidification:
squids as extreme animal models

1005 Coffee break Outside the Sumner Auditorium

1035 Session D, Moderator: Chris Sabine Sumner Auditorium
Gretchen Hofmann, University of California, Santa Barbara: Using Functional Genomics to
Explore the Impacts of Ocean Acidification on Calcifying Marine Organisms

1115 Fred Mackenzie, University of Hawaii: Carbonate dissolution under rising atmospheric
CO₂ and ocean acidification

1200 Lunch and posters: 1 hour Outside the Sumner Auditorium

1300 Scott Doney (Modeling impacts of ocean acidification) Sumner Auditorium

1340 Breakout 2 (Participants will be given instructions and questions to be answered)

Breakouts rooms are: Sumner Auditorium

Hubbs 4500

SIO Library Conference room (Helen Raitt Room): 20 people

IGPP 12B: ~24 people

Room 10: 20 people (this room has fixed chairs and cannot accommodate
tables)

1500 Coffee break There will be two set ups. One outside Sumner Auditorium and one
outside Hubbs 4500.

1530 Breakout 2 continued

1640 Report back from Breakout 2 to plenary Sumner Auditorium

1700 Evening talk over beer: Danny Harvey (Ocean mitigation strategies) Sumner Auditorium

Shuttles will leave for the hotel starting at 1800.

1800 Dinner on your own

Thursday, October 11, 2007

800 Breakfast Outside the Sumner Auditorium

830 Update: Chris & Vicki Sumner Auditorium

845 Session E, Moderator: Andrew Dickson, Scripps Institution of Oceanography
David Hutchins (Tropical and subtropical pelagic environments)

925 Uta Passow, University of California, Santa Barbara (Respiration, decomposition and
export)

1005 Coffee break Outside the Sumner Auditorium

1035 Session F, Moderator: Dwight Gledhill Sumner Auditorium
Ilsa Kuffner, U.S. Geological Survey: Effects of ocean acidification on crustose coralline
algae & implications for reef ecology

1115 Barney Balch, Bigelow Laboratory for Ocean Sciences: Using remote sensing to assess ocean acidification impacts

1200 Lunch and posters: 1 hour Outside the Sumner Auditorium

1300 Breakout 3 (Participants will be given instructions and questions to be answered)

Breakouts rooms are: Sumner Auditorium

Hubbs 4500

SIO Library Conference room (Helen Raitt Room): 20 people

IGPP 12B: ~24 people

Room 10: 20 people (this room has fixed chairs and cannot accommodate tables)

1500 Coffee Break There will be two set ups. One outside Sumner Auditorium and one outside Hubbs 4500.

1530 Breakout 3 continued

1640 Report back from Breakout 3 to plenary Sumner Auditorium

1700 Workshop Wrap up/recommendations

1730 Dinner on your own

Shuttles will leave for the hotel starting at 1735

This workshop focuses on four habitats: warm water coral reefs, coastal areas/estuaries, tropical/subtropical pelagic regions and high latitudes. Each afternoon, participants will split up into these four groups and discuss a set of questions that the steering committee has formulated. The questions will change on days 1, 2 and 3. At the end of each afternoon, participants will assemble to report on their discussions and recommendations to the entire group. Each breakout group will have a leader and rapporteur.

<u>Group</u>	<u>Discussion Leader</u>	<u>Rapporteur</u>
1 Coral reefs	Joanie Kleypas	Marlin Atkinson
2 Coastal/estuaries	Burke Hales	Richard Jahnke
3 Tropical/subtropical pelagic	David Hutchins	Margaret Mulholland
4 High latitudes	Barney Balch	John Guinotte

Participants will be initially assigned to groups based on the organizers' knowledge of their interests. A number (from 1 to 4) will be printed on each name tag. Participants may switch groups if the organizers were wrong about their interests, but obviously it is desirable to maintain a rough balance in numbers across the four groups.

Overview of Rooms:

Plenary Sessions are in Sumner Auditorium

Breakouts rooms are: Sumner Auditorium

Hubbs 4500

SIO Library Conference room (Helen Raitt Room): 20 people

IGPP 12B: ~24 people

Room 10: 20 people (this room has fixed chairs and cannot accommodate tables)

Breakfasts, morning breaks, lunch, are outside Sumner Auditorium.

Afternoon breaks are in 2 areas: outside Sumner Auditorium and outside Hubbs Hall 4500.