

**Ocean Carbon and Biogeochemistry Scoping Workshop on
Ocean Acidification Research
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 Continental 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, Moderator: Richard Feely, NOAA/PMEL
Ulf Riebesell, *IFM-GEOMAR*, 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**, *NOAA Alaska Fisheries Science Center*: Impacts on Fisheries
- 1340 Breakout 1 (Participants will be given instructions and questions to be answered)
- Breakouts rooms are: Group 1 - corals - Sumner Auditorium
Group 2 - coastal/estuary - Munk IGPP 12B
Group 3 - subtropical/tropical pelagic regions -Old Scripps Bldg. Room 10
Group 4 - high latitudes - Hubbs 4500
- 1500 Coffee break There will be two set ups, one outside Sumner Auditorium and one outside Hubbs 4500.
- 1530 Breakout 1 continued
- 1640 Report from Breakout 1 back to plenary Sumner Auditorium
- 17:00 Posters Outside Sumner Auditorium
- Shuttle will leave Sumner to the Birch Aquarium at 1800.
- 1800-2000 **Reception for OCB Scoping Workshop for Ocean Acidification Research, hosted by Scripps Institution of Oceanography** Birch Aquarium
- Shuttles will leave from outside of Birch Aquarium starting at 1945 to get everyone back to the hotel. It will take 3 trips to get everyone back to the hotel.

Wednesday, October 10, 2007

- 800 Continental Breakfast Outside the Sumner Auditorium
- 830 Update: **Chris Langdon and Vicki Fabry** Sumner Auditorium
- 845 Session C, Moderator: **Peter Edmunds**, *California State University, Northridge*
Anne Cohen, *Woods Hole Oceanographic Institution*: Biocalcification Responses to Ocean Acidification: the Interplay of Physicochemical and Physiological Factors
- 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**, *NOAA/PMEL* 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 Moderator: **Andrew Dickson**, *Scripps Institution of Oceanography*
Scott Doney, *Woods Hole Oceanographic Institution*: Modeling Challenges for Ocean Acidification Sumner Auditorium
- 1340 Breakout 2 (Participants will be given instructions and questions to be answered)
Breakouts rooms are: Group 1 - corals - Sumner Auditorium
Group 2 - coastal/estuary - Munk IGPP 12B
Group 3 - subtropical/tropical pelagic regions -Old Scripps Bldg. Room 10
Group 4 - high latitudes - Hubbs 4500
- 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: Moderator, **Andrew Dickson**, *Scripps Institution of Oceanography*
Danny Harvey, *University of Toronto*: Ocean Mitigation Strategies Sumner Auditorium
- 1800 Dinner on your own: Shuttles will leave for the hotel starting at 1800.

Thursday, October 11, 2007

- 800 Breakfast Outside the Sumner Auditorium
- 830 Update: **Chris Langdon and Vicki Fabry** Sumner Auditorium
- 845 Session E, Moderator: **Chris Sabine**, *NOAA/PMEL*
David Hutchins, *University of Southern California*: Rising pCO₂ and Oligotrophic Ocean Biology: Winners and Losers in the Central Gyres
- 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**, *NOAA Coral Reef Watch* Sumner Auditorium

1115 **Barney Balch**, *Bigelow Laboratory for Ocean Sciences*: Using Remote Sensing to Assess Ocean Acidification Impacts

1300 Breakout 3 (Participants will be given instructions and questions to be answered)
Breakouts rooms are: Group 1 - corals - Sumner Auditorium

Group 4 - high latitudes - Hubbs 4500

Shuttles will leave for the hotel starting at 1735.