

OCB GBF-OOI SCOPING WORKSHOP

ENVISIONING A GLOBAL BIOGEOCHEMICAL FLUX PROGRAM ALIGNED WITH THE OCEAN OBSERVATORIES INITIATIVE

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Workshop Agenda

Draft Agenda

OCB Scoping Workshop on GBF-OOI (Global Biogeochemical Fluxes Program for The Ocean Observatories Initiative)

May 23 – 25, 2011

Clark Laboratory Rm #507, Quissett Campus
Woods Hole Oceanographic Institution

MONDAY A.M.

08:00 *Registration & Continental Breakfast*

08:30 Workshop Introduction: Goals and Format [*T. Eglinton*] ([.pdf](#) | [.mov](#) | [.wmv](#))

08:50 Plenary 1: Scientific objectives and observational priorities of a GBF Program (*Co-Chairs: K. Daly and C. Benitez-Nelson*)

08:55 GBF-OOI Overview: Rationale, Objectives, and Design (*S. Honjo*) ([.pdf](#) | [.mov](#) | [.wmv](#))

09:25 Primary Productivity in a Changing Ocean (*F. Chavez*) ([.pdf](#) | [.mov](#) | [.wmv](#))

09:50 Dissolved Organic Carbon in Ocean Export Production (*D. Hansell*) ([.pdf](#) | [.mov](#) | [.wmv](#))

10:15 *Coffee break*

10:30 Ocean Twilight Zone (*C. Benitez-Nelson*) ([.pdf](#) | [.mov](#) | [.wmv](#))

10:55 Ocean Margins: Production, Flux and Remineralization of Particulate Organic Matter (*R. Thunell*) ([.pdf](#) | [.mov](#) | [.wmv](#))

11:20 The Role of Deep Ocean Processes in Global Biogeochemical Cycles (*C. German & A. Boetius*) ([.pdf](#) | [.mov](#) | [.wmv](#))

11:45 Community Discussion

12:15 *Lunch*

MONDAY P.M.

13:00 Plenary 2: Assessing Primary Productivity and Biogeochemical Fluxes (*Chair: A. Bracher*)

13:10 Integrating Remotely Sensed and Direct Observations of Surface Ocean Productivity and the Biological Pump (*J. Yoder and M. Behrenfeld*) ([.pdf](#) | [.mov](#) | [.wmv](#))

13:35 Measurement Strategies to Inform Global Ocean Biogeochemical General Circulation Models and Vice Versa (*J. Dunne*) ([.pdf](#) | [.mov](#) | [.wmv](#))

14:00 Oceanic Molecular Biological Models (*M. Saito*) ([.pdf](#) | [.mov](#) | [.wmv](#))

14:25 Community discussion

15:05 *Coffee Break*

15:20 Plenary 3: The OOI and Prospects for a GBF Program (*Chair: C. Pilskaln*)

15:25 OOI Elements and Technological Capabilities: Biogeochemical Cycles and Fluxes (*K. Daly*) ([.pdf](#) | [.mov](#) | [.wmv](#))

16:00 OOI Cyberinfrastructure: Data Acquisition, Synthesis, Broader Impacts and Public Outreach (*Oscar Schofield*) ([.pdf](#) | [.mov](#) | [.wmv](#))

16:30 **Community Discussion**

17:00 Reception & Poster Session

18:00 Dinner and Distinguished Lecture (*J. Delaney*)

Tuesday A.M.

08:00 *Continental Breakfast*

08:30 Plenary 4: GBF-OOI Technology (*A. Aubrey*) ([.pdf](#) | [.mov](#) | [.wmv](#))

08:35 GBF-OOI Technology: Platforms, Sensors and Samplers (*S. Honjo*) ([.pdf](#) | [.mov](#) | [.wmv](#))

09:05 In Situ Measurements of Surface Ocean Productivity (*C. Taylor*) ([.pdf](#) | [.mov](#) | [.wmv](#))

09:30 Fast Repetition Rate Fluorometry (*Z. Kolber*) ([.pdf](#) | [.mov](#) | [.wmv](#))

5 09:55 *Coffee Break*

10:15 Bio-optical Technologies (*H. Sosik*) ([.pdf](#) | [.mov](#) | [.wmv](#))

10:40 Imaging Technology for Water Column Observations (*M. Benfield*) ([.pdf](#) | [.mov](#) | [.wmv](#))

11:05 Ecogenomic Sensors (*C. Scholin*) ([.pdf](#) | [.mov](#) | [.wmv](#))

11:30 Community Discussion

12:00 Charge to Breakout Groups

12:10 *Lunch*

Tuesday P.M.

13:00 Breakout Session 1: *How can the current and proposed observatories be optimized to improve our understanding of the global carbon cycle and our capacity for predicting global environmental change?*

14:30 *Coffee Break*

15:00 Breakout Session 1 Reporting

15:30 Breakout Session 2: *How can the proposed GBF Ocean Observatory be best utilized to further your specific research goals? How would such advancement at the level of individual research projects contribute to the improved understanding of global carbon flux, the overarching goal of the GBF-OOI?*

17:00 Reception & Poster Session

Wednesday A.M.

08:00 *Continental Breakfast (Steering Committee meets in Rm. 509)*

08:30 Breakout Session 2 Reporting

09:00 Synthesis of Day 2 Discussions

09:15 Charge to Breakout Session 3: Synthesis, Integration and Public Engagement

09:30 Breakout Session 3

11:00 *Coffee Break*

11:15 Breakout Session 3 Reporting

11:30 Wrap-Up and Discussion of Next Steps

12:00 *Boxed Lunch and Adjourn*

13:00 - 15:00 GBF-OOI Scientific Steering Committee Meeting

Attachment	Size
5_9_11 GBF-OOI Scoping WS Agenda.pdf	97 KB
01_03 Hansell_sm.pdf	561.49 KB
00 intro eglinton OCB scoping workshop intro 5-21-11.pdf	948.43 KB
01_02 Chavez.pdf	2.69 MB
01_04 Benitez-Nelson Ocean Twilight Zone OCB 2011.pdf	9.12 MB
01_05 Thunell GBF-OOI.pdf	2.49 MB
01_06 German CRG_OOI.pdf	1.76 MB
02_01_Yoder slides2.pdf	3.89 MB
02_02_Dunne jpd_GBF_OOI_110520.pdf	5.48 MB
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Logistics: Registration, Travel & Lodging >

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