NOAA Climate Observation Division
9th COD Community Workshop
NOAA Center for Weather and Climate Prediction, College Park, MD

15-17 June 2015 – Plenary/Breakout
18 June 2015 – COSC Meeting (1100 Wayne Ave, Suite 1202)

Partnering to Maintain and Evolve a Global Climate Observing System

AGENDA

Meeting/Workshop Goals:

1. Inform community about NOAA/OAR/CPO/COD programmatic progress/plans/goals
2. Update observation requirements from our stakeholders and users
3. Identify advances, initiatives, and strategies needed to sustain and develop the ocean observing system
4. Discuss and identify quantitative measures to more completely assess and motivate system performance
5. Foster coordination/integration across ocean observing programs

Monday 15 June 2015

All plenary sessions will take place in the NCWCP Auditorium.
Posters should be displayed in the conference rooms across the hall prior to Session 1 and remain through 1800 Tuesday.
Coffee/tea, morning refreshments will be served in the lobby (no drink or food is allowed in the auditorium).

0800 Registration
Poster Set-up

0900 Session 1 **Programmatic Landscape**
Chair: Ed Harrison

0900	Opening and Logistics	Kathy Tedesco
0905	COD Program Update (15 Min)	David Legler
0920	Observations and Monitoring: Mission Critical for CPO (20 min)	Wayne Higgins
0940	Observing Needs for the Climate Prediction Center (CPC) (20 min)	David Dewitt
Break (20 Min)		
1020	NSF Ocean Observatory Initiative (OOI) (20 min)	Jean McGovern
1040	Observing the Ocean from Space (20 min)	Eric Lindstrom
1100	US CLIVAR: Ocean Observations for Climate (20 min)	Bob Weller
1120	International Ocean Observations Panel for Climate (OOPC) and next steps for the Global Climate Observing System (GCOS) Implementation Plan (20 min)	Mark Bourassa

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1140	Interagency Arctic Research Policy Committee (IARPC) and the Arctic Executive Steering Committee (20 min)	Simon Stephenson
1200	OAR Research: Preeminence, Partnerships and Results (20 min)	Steve Fine
1220	COD: The View Ahead (10 min)	David Legler

Community Discussion / Q&A (20 min)

1250 Lunch Break and Poster Session *(60 minutes)*

1350 Session 2 **New Initiatives**

Chair: Kevin Trenberth

1350	A Technology Roadmap (20 min)	David Legler
1410	TPOS 2020 (30 min)	Billy Kessler
1440	SOCCOM (30 min)	Steve Riser
1510	OSNAP (30 min)	Bob Pickart
1540	Deep Argo (20 min)	Nathalie Zilberman

Community Discussion / Q&A (30 min)
Break (15 min)

1645 Session 3 **2-minute Poster Summaries**

Chair: Sidney Thurston

Evening Poster Session - Conference Rooms, Refreshments provided

2100 Poster Session Ends

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Tuesday 16 June 2015

All plenary sessions will take place in the Auditorium. Breakouts will be held in the conference rooms. Coffee/tea, morning refreshments will be served in the lobby (no drink or food is allowed in the auditorium).

Goals within the COD Strategic Plan:

1. **Observing Systems**
2. **Information and Products**
3. **Innovation**
4. **Partnerships**

0800 Session 4 (20 min each) **Community Contributions to Goal 1: Observing Systems**

Chair: Robert Weller

Speakers have been asked to work with their communities to address the following:

- What significant advances have been made since OceanObs'09?
- What is the number one opportunity for your network to realize an OO'09 goal?
- What significant products and data management efforts are emerging?
- How is innovation being applied for your network, and how has the adoption of new capabilities/technology impacted your plans?
- What international and other partnerships have been or are being developed and how are they supporting progress for your network?
- What will the observing system need to look like in 5 years to address these questions and the strategic goals above?

0800	Drifting Buoys	Rick Lumpkin
0820	Argo	Dean Roemmich
0840	Ocean Carbon Networks	Adrienne Sutton
0900	OceanSITES	Meghan Cronin

Community Discussion / Q&A (15 min)

0935	XBT Network	Gustavo Goni
0955	Sea Level/GLOSS	Mark Merrifield
1015	Tropical Moored Buoy Arrays	Michael McPhaden
1035	Boundary Currents	Chris Meinen

Community Discussion / Q&A (15 min)

Break (15 min)

1125 Session 5 (15 min each) **Emerging Technologies and New Capabilities – Goal 3: Innovation**

Chair: Robert Weller

1125	Saildrone /PRAWLER	Chris Meinig
1140	Gliders	Dan Rudnick

Community Discussion / Q&A (15 min)

1210 Lunch Break and Poster Session *(60 minutes)*

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1310 Session 6 (20 min each) **Data and Integration – Goal 2: Information and Products**
Chair: Ken Casey/Jennifer Saleem Arrigo

1310	NOAA's Data Management efforts (policy, archive, dissemination)	Krisa Arzayus
1330	Integrating Data and Information across Observing Systems	Kevin O'Brien
1350	NOSIA Overview	Dave Helms
1410	How to Write Great Performance Measures	John Bortniak
1430	Indicators for Improved Understanding	Tony Janetos-remote

Community Discussion / Q&A (20 min)
Break (15 min)

1525 Session 7A **Breakout Groups**
Chair: Ed Sarachik

Charge to breakout groups – instructions, expectations, group summaries to be presented during Wednesday plenary	David Legler

Breakouts Rooms	Topic	Facilitator	Rapporteur
Conference Room: Auditorium	Sea Level	Mark Merrifield	Billy Sweet
Conference Room: #1602	Climate Variability	Renellys Perez	Adrienne Sutton
Conference Room: #1604	Air-Sea Exchange	Lisan Yu	Mark Bourassa

(Please see **handout** for detailed guidance)

1730 Return to auditorium for guidance on tomorrow's Breakout Session Reports (15 min)

1800 Group dinner (optional) at FishNet

Please Remove Posters Tonight

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Wednesday 17 June 2015

All sessions today will take place in the NOAA Auditorium.
Coffee/tea, morning refreshments will be served in the lobby (no drink or food is allowed in the auditorium).

PLENARY

0900 Session 7B **Breakout Group Reports and Discussion**
Chair: Ed Sarachik

Breakout Group 1 Report – Mark Merrifield, Billy Sweet
Breakout Group 2 Report - Renellys Perez, Adrienne Sutton
Breakout Group 3 Report – Lisan Yu, Mark Bourassa

Community Discussion / Q&A (60 minutes)
Break (15 min)

1130 Lunch Break *(60 minutes)*

1230 Session 9 (20 min each) **Programmatic Ties – Goal 4: Partnerships**
Chair: Arun Kumar

1230	Arctic	Robert Pickart
1250	Global-Coastal connections ("observed Pacific anomalies")	Nick Bond-remote
1310	IOOS	Zdenka Willis
1330	Ocean Acidification Program/GOA-ON	Libby Jewett
1350	OMAO Support for Climate Observations: Review and Outlook	Richard Hester
1410	Ocean Exploration and Research Program - Supporting Technology Innovation	Chris Beaverson

Community Discussion / Q&A (20 min)
Break (10 min)

1500	**Session 10**	**Communications and Scientific Strategy for COD**	Emily Smith
1520		**Closing Remarks - Looking Ahead**	David Legler
1545		**Meeting Adjourns**	

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