THIS IS AN INFORMATION EXCHANGE MEETING. DO NOT HESITATE TO PRESENT THE NUTS AND BOLTS ASPECTS OF YOUR WORK.

Suggested time for the presentations is +/- 15 minutes. In addition to a discussion of your results, it would be most useful to include in your presentation a status report as well as your vision for the following year.

AGENDA

8:00am    Pick-up name tags and registration
8:45am    Welcome

9:00am HYCOM NOPP GODAE present status                                    E. Chassignet
9:20am HYCOM and GODAE in relation to Navy ocean prediction    H. Hurlburt
9:40am How will we implement global HYCOM as an operational model at NAVOCEANO?           F. Bub
10:00am Ocean prediction using HYCOM at NCEP                             C. Lozano

NAVY and NOAA Global and Basin-Scale HYCOM Systems

10:20am Evaluation of the NOAA real time Atlantic Ocean forecast system for operational use at the NOAA Ocean Prediction Center R. Daniels
10:40am BREAK + POSTERS

11:10am Real-time HYCOM nowcast/forecast systems O.M. Smedstad
11:30am 1/12° global HYCOM evaluation and validation J. Metzger

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1:10pm Quantitative validation of subsurface temperature from the assimilative HYCOM and NCOM
B. Kara

1:30pm Progress in embedding tides into HYCOM simulations
B. Arbic

**HYCOM Data Assimilation**

1:50pm Status and progress of NCODA assimilation in HYCOM
J. Cummings

2:10pm Gulf of Mexico data assimilation inter-comparison project
A. Srinivasan

2:30pm HYCOM data assimilation at NCEP
C. Lozano

2:50pm T/S relationships by local regression
C. Thacker

3:10pm BREAK + GROUP PHOTO

**Basin-scale Simulations**

3:40pm HYCOM versus MODIS SST frontal probability distributions in the North Atlantic
P. Cornillon

4:00pm Upper ocean processes under stratus clouds decks in the southeast Pacific
T. Shinoda

4:20pm Multi-decadal simulation of Atlantic Ocean climate variability driven by realistic high-frequency atmospheric reanalyses
Z. Garraffo

4:40pm The possible influence of NAO on the Mediterranean Outflow water path in the North Atlantic
A. Bozec

5:30pm Crawfish boil at Cypress House pavilion

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**Basin-scale/Regional/Coastal Simulations**

8:30am Nitrogen and carbon cycle modeling of the Northeast North American shelf by nesting ROMS within HYCOM
J. Wilkin

8:50am The extended IAS-HYCOM domain: preliminary results from nested simulations
V. Kourafalou
9:10am 32-year run of 1/12° HYCOM in the Gulf of Mexico  W. Wang

9:30am Ensemble-based assimilation of HF-Radar surface currents in a West Florida Shelf ROMS nested into HYCOM and filtering of spurious surface gravity waves.  A. Barth

9:50am Evaluation of HYCOM performance on the West Florida Shelf  G. Halliwell

10:10am BREAK + POSTERS

10:40am Evaluation of the effects of boundary conditions and atmospheric forcing in the SoFLA-HYCOM domain  V. Kourafalou

11:00am Preliminary results from the Florida Keys HYCOM model  H. Kang

11:20am Recent advancement in a Cariaco basin ROMS model nested in global HYCOM  A. Alvera-Azcarate

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1:10pm Nesting regional in global HYCOM: Evaluation of remote forcing  S. deRada

1:30pm Update on the evaluation of global and regional HYCOM modeling of the US West Coast  J. Kindle

1:50pm Nesting the Gulf of California in Global HYCOM: Summer generation of the Southern Gulf of California eddy train  L. Zamudio

2:10pm A nest experiment of the Indonesian Seas - preliminary results  X. Xu

2:30pm High-resolution air-sea modeling of the Philippines winter monsoon  J. Pullen

2:50pm BREAK + POSTERS

3:20pm Resolution sensitivity of isolated eddy evolution with/without steep topography  K. Hyun

3:40pm HYCOM Caspian Sea modeling  B. Kara

4:00pm 1-hour break-out session on 1) Data Assimilation and 2) Nesting issues
Metrics

8:30am Global ocean metrics for GODAE  J. Cummings

8:50am 1-hour break-out session on metrics 1) deep ocean and 2) shallow waters

9:50am Plenary session: Reports on break out sessions

10:10am BREAK + POSTERS

HYCOM data serving

10:30am HYCOM data service: New datasets, features and functionality  A. Srinivasan/ S. Hankin

HYCOM development

11:00am River plume experiments with HYCOM in an idealized basin  R. Schiller

11:20am Modeling coastal areas with HYCOM: results from the MOUTON project  Y. Morel

11:40am HYCOM 2.2  A. Wallcraft

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Afternoon reserved for follow-up discussions

POSTERS

HYCOM/QUODDY nested baroclinic nowcast/forecast system for the South Atlantic Bight  T. Shay

C. Werner