==

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

=== TUESDAY === TUESDAY === TUESDAY === TUESDAY === TUESDAY ===TUESDAY ===

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

<u>Overview</u>

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

<u>NAVY and NOAA Global and Basin-Scale HYCOM Systems</u>

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

== LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH ==

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

== WEDNESDAY === WEDNESDAY === WEDNESDAY === WEDNESDAY === WEDNESDAY ==

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

== LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH ==

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

<u>Metrics</u>

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

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

9:50am <u>Plenary session:</u> Reports on break out sessions

10:10am BREAK + POSTERS

<u>HYCOM data serving</u>

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

<u>HYCOM development</u>

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

== LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH == LUNCH ==

Afternoon reserved for follow-up discussions

<u>POSTERS</u>

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

                                                                                                                         C. Werner