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**Sent:** Thursday, January 22, 2015 9:15:05 PM  
**Subject:** Re: ECOHAB items

Hi all,

Here's a quick recap from the meeting. First, thanks to everyone for participating and for putting up with the timing and technology issues. You should also all have access to the dropbox folder that contains the relevant slides presented.

ECOHAB MB15: we are on schedule for a major field program in Monterey, roughly May-June (see slides for details). This will include:

- 2 ESP deployments
- 2 gliders
- R/V Carson and R/V JH Martin
- ROMS model support

- 1 or possibly two wire walkers deployed near ESPs
- Complementary efforts from MBARI/CANON (LRAUV, WaveGlider, AUV, shipops)

ECOHAB LA15: there will be an “ECOHALF” experiment in conjunction with OCSD, roughly March-April:

- 2 WireWalkers
- MBARI-built mooring for OCSD
- Ship ops (primarily OCSD cruises)

To complement the field efforts, we will conduct joint (MBARI/MLML/USC/SCCWRP) grow-outs in Monterey, and complementary grow-outs (USC/SCCWRP) in LA. Focus is as described in the slides, but largely follows previous experimental designs.

Yi Chao is now running COSINE (biological model), and this will be available. Yi would like validation/feedback on how the model is doing. We will also use Clarissa’s forecasting to validate/guide sampling.

The general focus will be on horizontal transport in MB, emphasizing the role of the Monterey Eddy and transport of upwelling plumes. We will attempt to be more “adaptive” in our sampling scheme. This includes basing the final locations of the ESPs and glider lines based on conditions as of mid-late April, and subject to constraints from the ESP team. Based on the MB13 experiment, two major questions are:

- do Pn respond differently in the upwelling-fed plume/eddy versus inshore?
- are the relative levels of toxicity related to Pn species composition, and are those species exhibiting different

ecophysiology?

Action items:

- We will schedule a call for mid-March to follow up on logistical details
- John Ryan will check with the ESP team about deployment constraints
- Kudela Lab will coordinate with Caron Lab about WireWalker instruments
- John Ryan & Yi Chao—can we use ROMS output to look at transport pathways from MB13?
- Request to set up ODSS for non-MBARI users, primarily for asset planning and calendar functions
- Kudela Lab and Caron Lab will work out details on grow-out experiments

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