

From: John Ryan <ryjo@mbari.org> 
Subject: Re: CANON 2015
Date: June 25, 2015 7:02:17 AM PDT
To: Francisco Chavez <chfr@mbari.org>
Cc: Jason Smith <jsmith@mbari.org>, Brian Kieft <bkieft@mbari.org>, Kevin Gomes <kgomes@mbari.org>, Monique Messié <monique@mbari.org>, Danelle Cline <dcline@mbari.org>, Thom Maughan <tm@mbari.org>, Yanwu Zhang <yzhang@mbari.org>, Brett Hobson <hobson@mbari.org>, Carlos Rueda <carueda@mbari.org>, Reiko Michisaki <reiko@mbari.org>, Duane Edgington <duane@mbari.org>, Jordan Stanway <bluesquall@gmail.com>, Brent Jones <bjones@mbari.org>, Christopher Wahl <cwahl@mbari.org>, Tim Pennington <peti@mbari.org>, Mike McCann <mccann@mbari.org>, Holly Bowers <hbowers@mbari.org>, Fred Bahr <flbahr@mbari.org>
Reply-To: John Ryan <ryjo@mbari.org>

1 Attachment, 3.9 MB

Hi all,

I won't make the meeting today. Regarding the first agenda item -

Attached is a slice of the spring experiment data plus some longer-term context; this was prepared for the NOAA ECOHAB annual report.

I'll be away until July 18 (Open House). For synthesis of this phenomenal data set, a fully loaded STOQS database would be very productive. I'll be online the next couple of days and can call to discuss any items. Meanwhile, some notes -

AUVs & gliders

Forms of both Dorado and LRAUV data are STOQS-ready. For LRAUV data, now that the full logs are available for the entire experiment, production of temporally bin-averaged data would be ideal. If 2 second data are too bulky, 5 or 10 second data would be fine for the purpose of agile data exploration. Some known issues with LRAUV data include the need to estimate salinity offsets from cross-platform comparison with "truth" for each LRAUV, and the WetLabs BB2F data require post-processing to get bb. There is also a fair amount of noise to remove (based on looking at a subset), but we may be able to ignore this for the first pass because STOQS auto-crops extreme outliers. Now that UCSC gliders are both recovered, I know Fred is working with the onboard-stored data; do we have a path for this data into STOQS? Do we already have a STOQS loader for Wave Glider data?

Ships

I reckon we already have R/V Carson profiling and underway CTD data available for STOQS loading. If nobody has provided the corresponding Martin data yet, I'll get it. UCSC will also soon provide some of the point measurements from CTD water samples from the R/V Martin cruises.

Remote Sensing

Visibility was poor during this experiment, but excavation of the bits of remote sensing coverage is on my plate.

John

----- Original Message -----

From: "Francisco Chavez" <chfr@mbari.org>
To: "Jason Smith" <jsmith@mbari.org>
Cc: "Brian Kieft" <bkieft@mbari.org>, "Kevin Gomes" <kgomes@mbari.org>, "Monique Messié" <monique@mbari.org>, "Danelle Cline" <dcline@mbari.org>, "Thom Maughan" <tm@mbari.org>, "Yanwu Zhang" <yzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>, "John Ryan" <ryjo@mbari.org>, "Carlos Rueda" <carueda@mbari.org>, "Reiko Michisaki" <reiko@mbari.org>, "Duane Edgington" <duane@mbari.org>, "Jordan Stanway" <bluesquall@gmail.com>, "Brent Jones" <bjones@mbari.org>, "Christopher Wahl" <cwahl@mbari.org>, "Tim Pennington" <peti@mbari.org>
Sent: Wednesday, June 24, 2015 5:21:47 PM
Subject: CANON 2015

Reminder that we are scheduled to meet tomorrow. NOTE different location: Tank View AND TIME: 10:00 am.

Agenda:

Analysis of Spring data

Planning for Fall experiment
2016 proposal

Francisco Chavez
Senior Scientist, MBARI
7700 Sandholdt Rd
Moss Landing, CA 95039
831-775-1709 (voice), 831-775-1620 (fax)
chfr@mbari.org, <http://www.mbari.org/bog>



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