

Meeting Notes
NANOOS Education and Outreach Committee

DATE: March 7, 2011
TIME: 2 pm
Conference call-in info.
1-800-379-6841
Participant Passcode: 526091

Committee members: Nancee Hunter (OR SG), Dan Hannafious (HCSEG), Coral Gehrke (COSEE PP), Sarah Mikulak (APL-UW), Amy Sprenger (APL-UW), Craig Risien (COAS-OSU), Mike Kosro (COAS-OSU), Jacqueline Laverdure (OCNMS), Pat Corcoran (OR SG), Kerry Carlin-Morgan (Oregon Coast Aquarium)

Unable to attend: Raechel Waters (WA SG), Fritz Stahr (OIP), Jan Newton (APL-UW), Vanessa Green (CMOP), Tom Gaskill (South Slough NERR), Cathy Angell (Padilla Bay NERR), Karen Wegner (CMOP)

1. General Update – All

Congrats to Amy! She is pregnant with her second and due at the end July!
Craig- from OOI EPE office: the implementing organization has yet to be announced, was scheduled for March 1.

2. Calendar Updates – All

3. Guest on call: Kerry Carlin-Morgan, Dir. Of Ed at the Oregon Coast Aquarium (OCA)

- The Oregon Coast Aquarium, as an Ecosystem Learning Center will be getting an Oceans Today (<http://oceantoday.noaa.gov/>) kiosk that is streamed out of the NOAA office. Information (videos) provided through kiosk is national in scope.
- OCA wants to include OR information, and wants to share information of what is going on in the OR ocean (upwelling, sea lion migrations, hypoxia etc). Most summers OCA receives many questions from visitors on hypoxia, upwelling etc. Would like to share data with visitors about what is happening in the ocean.
- OCA receives 450,000-470,000 visitors a year.
- OCA staff had a meeting with Craig looking over the NANOOS website and NVS. They talked about how info is gathered, challenges of that. Want to focus on the story of data collection, the researchers, and the challenges in that.
- Two month timeline for the exhibit (install kiosk by end of April to early May), so is a bit overwhelmed by all the information that is available on the NANOOS website, so going to focus on the broad story of what is real-time data for now.

Sarah- NANOOS has a couple resources that may be of interest:

- Upwelling Data Scavenger Hunt:
http://www.nanoos.org/education/lesson_plans/pdfs/well_well_well.pdf (starting on pg 5)
- Coastal Upwelling Animation:
http://www.nanoos.org/education/learning_tools/hypoxia/coastal_hypoxia.php
- In development: a data tutorial for Hood Canal Hypoxia. If there is interest, can do a similar tutorial for Coastal Hypoxia.
- MyNANOOS/myNVS – this functionality has been discussed quite a bit in the Data Communications/User Products groups. Would allow a user to specify what they want NVS to look like when they log in (data units, region zoomed in on, tagged/favorite buoys). This is slowly coming down the pipe, will allow the Aquarium or whoever else have only the buoys/assets that would be of interest to them showing on the map, make it look less intimidating.

Sarah will be point person for this project with the Aquarium, Craig will answer questions, may have to contact Troy and Emilio

We should sit down and talk a bit more about usability issues of NVS and the NANOOS site as a whole, maybe bring up at tri-committee meeting. **Any thoughts from the group about functionality of NVS/NANOOS website?**

4. NANOOS Tri-Committee Meeting – Sarah and Amy

- May 12-13, CMOP, Beaverton, OR
- E&O only meeting: 7:30 am Thurs May 12, room TBA
- Who's attending: Craig, Pat, Amy, Mike, Nancee, Dan, Coral (?), Fritz (Thurs)
- Calling in: Coral (?)

Nancee:

For the presentation, include:

- Numbers of people at each event
- Any impacts- how they have translated into larger impacts for NANOOS
- End with future goals

Next meeting: will have draft presentation next call

5. Northwest Aquatic and Marine Educators Conference – Amy

- July 12-16, Olympic Park Institute, Port Angeles, WA

Amy's been talking with Jan and Matthew Alford to come up and present, Fritz will also be there and hopefully teachers will be able to fly the glider off the coast during the

conference. Invite anyone to come and present, and will be looking for help to spread the word about the conference.

6. Student built buoys – Amy

SECOORA has a student built buoy workshop (http://secoora.org/classroom/BOB_educational_water_quality) and Amy is interested in pursuing this in the PNW. Has been looking for funding sources, and is looking to see if there's any interest from this group to partner in this.

Mike- contact Cheryl Greengrove (UW Tacoma) has done a lot of work w/ low cost buoys.

Nancee- is very excited about this for HMSC. This idea fits in well with STEM, especially engineering, Nancee and Amy will talk off-line and bring more fleshed out ideas to whole group.

7. Accomplishments/Challenges – Amy and Sarah

- Theme pages
 - i. Accomplishment: 4 out of 5 complete!
 - ii. Challenge: Getting additional information

Four of the intro theme pages are complete: Maritime Operations (w/ edits from David Jones); Fisheries and Marine Biodiversity (w/ edits from Dan Hannafious); Coastal Hazards (w/ edits from Jonathan Allan); and Climate (w/ edits from Jan Newton). Just awaiting edits from Jan on the Ecosystem Assessment page before that goes up. Please look these over and send comments/edits to Sarah.

Pat: sent edits for the Coastal Hazards page.

Mike: have edits, will email to Sarah.

The next step is populating each page with some more detail – the current Ocean Acidification

(http://www.nanoos.org/data/products/noaa_ocean_acidification/summary.php) and Hypoxia (http://www.nanoos.org/education/learning_tools/hypoxia/introduction.php) pages have tabbed sections with more details than what is covered on the front page. Sarah's looking for recommendations on what these sections should be and what other info to cover in the five new theme pages. Please send thoughts and ideas her way.

- Everett BWET workshop

Everett BWET workshop 3/5/11 attended by 24 educators. AS was doing CTD casts with them and comparing those data with NVS data, and teachers were very excited about it. Will be following up with those teachers to get impacts. Next workshop 3/19 and 3/26

- Boat-based education programs workshop

Boat workshop was focused on citizen science – helping programs to connect with each other and with scientists. Focus for this workshop was on SoundCitizen, giving programs tools to contribute to and teach about that project. Lots of interest and desire in contributing and using data from larger databases. Hope to talk about this at the tri-committee meeting. Keep eyes and ears out for any funding opportunities.

8. Next Steps and Action Items (Recap) – Nancee

ALL:

Provide feedback about functionality of NVS/NANOOS website

Provide feedback about theme pages

Be prepared to help promote NAME conference- also attend and present!

Pull together E&O tri-com meeting agenda

- Citizen science

- Modify NVS or website that are more useful to our audiences

Ideas about funding for citizen science

Sarah:

Sarah is point person for Kerry

Check in with those not on call about attendance to Tri-com

Send draft presentation out on next call

Amy & Nancee:

Amy and Nancee will have convo about student buoys

9. Set Meeting Schedule and Next Date(s) – All

Send out doodle for April, will talk at tri-com in May to get permanent day/time.