

January 22, 2013 CEMW Meeting
9am- 1pm Delta Conservancy Conference Room

Attended: Shakoora Azimi-Gaylon, Val Connor, Kari Daniska, Gregg Erickson, Stephanie Fong, Erin Foresman, Rainer Hoenicke, Karen Larsen, Jason Lofton, Amye Osti, Hildie Spautz, Bill Templin, and Alison Web-Stover

Item 1- Introduction and announcements

- Amye Osti Update on 34 North's interaction with NSF including DataONE and CUASHi
 - Peter Goodwin recommend going in the direction of DataONE
 - Member Node
 - 34North/ OpenNRM has been coordinating to become data member node so they can get access to Federal data
 - Includes Continuous data, CDEC, NWIS lydar, but presentation of discrete data is more challenging
 - **Action Item:** Amye to come back with Proposal in ~1 month for interactions with CEMW
 - Don't know if NWQMC will become a node
 - CA Data will become available to larger scale access
 - Benefits allow us access to tools and support from National grants
 - CUAHSI- OGC (open geospatial consortium), people putting out new tools, Amye keeping an eye on it
 - April Update
 - 1641 report will be updated as it is posted
 - other data is still in negotiation
 - John Burau
 - 34N is helping to write web service for his fish count data from first flush study
 - Bay Delta Live iPhone app is up and running, need more money for Droid app
- SFEI Update
 - Portals are housed there with data links to rest of the Portals
 - Portals are being fed from CEDEN
 - Meeting about how to start to incorporate tier 3 data
 - EcoAtlas- Level 1 and Level 2 are included
 - As built up it will include level 3
 - More web services are being developed

- Need to upgrade Safe to Eat
 - When updated it will make bioaccumulation data available
- Delta Conservancy Update
 - Outreach on water quality monitoring
 - Same process on restoration was done and was helpful
 - Want to see who does what with data, not necessarily what the data means
 - Planning meeting with Agencies
 - Had one meeting so far
 - Next meeting in march or April, planning meeting before
 - Conservancy will analyze input and present information
 - Different from DSC efforts, Delta Conservancy is more focused on public concerns, while DSC is for practitioners
 - If want to be connected let the conservancy know
 - Comment was made that the DC effort could be used to distill questions of interest to the public, which could drive the forthcoming Estuary Portal at the highest, most general, level with the ability to “drill down” to more specific questions.

Item 2- Real-Time Data Needs and CEDEN

- The past has been focused on building infrastructure, well documented templates made available, data checking automation, all should be available on the web page
- Next steps:
 - record webinars to explain putting data into CEDEN
 - improve functionality of web quarry and assessment tools, between now and august
 - Improve assessment tools for Portal and 303d listing (want it to be readily accessible data for listing)
- Future
 - RDC will be available
 - Find funding
 - Reduce cost for basic tasks
 - Improve naming regulations
 - WQX- getting batches of CEDEN data every quarter (Carl Jacobs). Needs to become more automated and faster
 - S. Steinberg will continue to facilitate ½ time
 - Twitter feed for when new batches are available

- Walk between CIWQS, CEDE, RW data in next few months
- **DECISION**: Yes these are our real-time data priorities and we should start to work on them
 - As worker bees come up with stories for portal, come back to data owners for approval and seeing if our displays meet their needs (ie, MAST report, Delta RMP stories)

Item 3- CEMW Annual report to the NWQMC

- **DECISION**: Yes send draft report to Jon
- **AI**: Amye to add a tech component
 - Number of users, activity on the site, number of training sessions

Item 4- Update on Bringing 1641 Report to the web

- Nothing has changed from December meeting

Item 5- Phytoplankton

- **DECISION**: Team agreed that our Priorities to address first are
 - Getting the entire time series of data
 - Ability to sub-query
 - Inclusion of harmful algal bloom data and the ability to link to other sites as they become available
 - Ancillary data to be presented with it (pH, turbidity, ED, temp, chl a)
 - **AI**- AO to give presentation on status of this
 - How to address method changes
 - In metadata, but need markers so people querying know, a clue for those who don't read meta data
- Discussion on decision
 - 1m below USGS and IEP data is all we have right now, need surface for HAB
 - Looking at good food, focus on fatty acid content
 - Need to draft a memo to Marty Gingris

Item 6- Zooplankton

- **AI**: Team agrees that we need to set up a group to discuss how to address the questions above about zooplankton
 - Team includes
 - Adam Ballard, Erin Forseman, Sheila Green, Amye Osti
 - Query list- gather before meeting so AO can show what we can do
 - Hydrologic conditions to add: outflow (SED), inflow, exports, rain, unimpaired flow
 - AO- all are there but no interpretation yet

- **DECISION:** Team agreed that 34N look at the available data to determine what is currently the most abundant, and what the most abundant zooplankton species was historically with direction from small group.

Item 7- Performance Measures

- There are many sources that can be used as a template or sources of language for performance measures
 - Other Portals
 - CEDEN: pesticides, Se, and DO special studies
 - State of the Bay: demersal/pelagic/anchovies, native/non-native, species composition and diversity
 - Spring IEP Newsletter which shows trends
 - EQWIS- Aquatic studies, Brett Harvey's spp by biology work
 - Link to his studies on using genetics to identify the various salmon run
 - <http://www.water.ca.gov/aes/docs/ValidatingLength-at-DateRunassignments.pdf>
 - State of the Estuary report cards
- UMARP Guidelines to follow
 - Develop key indicators to track
 - Four grand challenges-climate change, landscape restoration, changes in hydrology, and changes in hydrological management
- We started with 1641, but need to use same PM as agencies to be really useful
- Need to be able to drill down from Public portal to Performance Measures
- We should have filters for location, species, 303d listing, main 4 sub-regions, Cache Slough Complex. Must keep in mind ecosystem restoration zones, and the public will likely be interested in counties, regions, and watersheds.
- How do we deal with
 - Spatial Scale
 - Programmatic Scale
 - Went over Ramona's diagram
- Need a list of who is doing what in the area
 - FRPA- DWR and DFW to look at what is being monitored- DFW John Downs
 - Can we get someone to update the PM group, then PM group to come up with next steps for CEMW to approve
 - Get an update from Data Management Group (who is our liaison?) on what data they are using across multiple portals
- **AI-** Bill look for someone to come to the PM Worker Bee meeting

- AI- Stephanie will look into getting a current MAST Member
- AI- Meet end of February when Hildie is back, add Bill and others to group

Item 8- Wrap Up

- 2013 schedule is: 3/19, 5/21, 7/16 or 8/20 (to allow more time to approve the draft Portal before it's brought to the Monitoring Council 8/22), 9/17, and 11/19.
- Launch date
 - May 21 approve Screenshots
 - Approval of draft Portal on August 20th
 - Launch portal by State of the Estuary this fall
 - Start with food web and use as template for getting sub groups together
- Form subgroups for other questions
- Poster for IEP Conference in April 24-26th
 - Need to be reviewed by March meeting
 - Delta Conservancy and CEMW were requested by Anke (IEP) to present a poster
 - Should Science Conference poster be updated and formatted to match Jon's?
 - Send something to Karen Larsen in early March if OIMA is to help with graphics
- Agenda for March 19th 9-12 (unless SWRCB Board Meeting needs to be attended, then meeting in PM)
 - Update from IEP
 - Liaison Reports
 - Worker Bee walk through food web story
 - Update on PM
- AI- Lets bring together all the questions that currently drive proposed content for the Portal in a box on the worker bee tool home page

