



**CSMW Meeting Minutes
28 APRIL 2010
9:30 AM – 1:00 PM
USACE SAN FRANCISCO DISTRICT OFFICE**

MEETING FOLLOW-UP ITEMS:

- ✓ **CSMW:** Next meeting Wednesday, May 26th, Conference Call; call-in info will be provided.
- ✓ **Doug George:** follow-up with Susie/Heather on FEMA funds for Santa Cruz County LIDAR.
- ✓ **Chris** will reconvene the PPR sub-committee to discuss the RSM Top Ten Recommendations. **Susie/Heather** will reconvene the Corps' PPR sub-committee to discuss Federal actions.

Still Pending:

- ✓ **Heather and Chris?** Letter to the CERB outlining progress on LIDAR data collection. – PENDING (A draft has been prepared).
- ✓ **George and Brian** – look at existing PPR draft and give comments. – PENDING.
- ✓ **CBReS/CBECS/CBEAS** – Natural Resources Agency (**Chris**) is seeking Governor's office approval to release the report to the public. PENDING.

❖ **Workshop Agenda**

- Review Project Manager's (PM) Report, Presentation on California Seafloor Mapping Program, Discuss Updates to CSMW Brochure, Provide Updates on USACE RSM Plans.

❖ **Welcome & Introductions – Brian Baird & George Domurat**

- Brian: So far 63 concurrent sessions have been received for CWO Conference, 75 session proposals, 215 individual proposals, and 45 poster sessions.

❖ **Review of 24 MAR Meeting Minutes – Nate West**

❖ **SMP Project Managers Report – Clif Davenport**

- Clif presented background on CSMW, the coastal RSM Plans, and the Humboldt Harbor Resource Conservation District at a conference near Humboldt Bay last week. John Dingler (SF District) is the primary POC for the Humboldt Harbor RSM plan in development.



- USGS SF BAY workshop was held Monday & Tuesday of this week. Mark Johnson requested a summary of the workshop – a summary may become available.
- The Corps has initiated the contract action for the Humboldt RSM SOW.
- SF Bay RSM Plan – discussions with BCDC ongoing.
 - BCDC has already received \$120K to perform Provenance RSM. If the \$105K is not contracted to BCDC to perform Phase II (Fort Funston to San Pedro Point (Pacifica). Susie Ming and Brenda Goeden have had conversations about other tasks that might be performed by contractor for the SF Bay. If that does not occur, the funds will likely be used to enhance the CSMW GIS effort. Currently, the State has until 2014 to expend RSM funds.
- Orange County RSM Plan -- no updates.
- LA County RSM Plan currently underway. Susie Ming briefed the LA County Beach Commissioners on the Coast of CA study and the California Sediment Master Plan – Los Angeles Regional CSRMP on Wednesday, 4/28. LA RSM Plan will be moving forward with an initial public meeting.
- Funding from MMS Coastal Impact Assessment Program may be used for either the Santa Cruz littoral cell or to cover RSM plans already done possibly.
- Steve Aceti suggested including Camp Pendleton land in the SANDAG RSM plan. Roughly 10% of their coastal land has been included in the past but we must convince the Marine Corps' it is in their interest to include all of their land.
- Patrick: Scripps LIDAR covering the coast from North of LA Harbor to Point Conception will be complete by Sept-Oct. LA Harbor south to the Border is done.
- CSMW Webmapping: The former GIS Webmapper, John Carrota is no longer available so other GIS specialists either in-house or external need to be pursued.
- CSMW Webpage
 - Biological Impacts Analysis (BIA) Workshop information discussing natural resource guidelines in coastal sediment management has been posted.
 - Public Outreach page: updated to contain current information to date.
 - Other Tools page: reference bibliography being updated by SF District Corps staff.
- BEACON RSM: Gerald Comati (BEACON) has issued Notice of Preparation (NTP) for the Draft Environmental Impact Report.



❖ Presentation: California Seafloor Mapping Project – Sam Johnson (USGS)

- Sam Johnson of the USGS (Santa Cruz) gave a presentation on the CA Seafloor Mapping Program the USGS has been undertaking along with other contributing Federal Agencies since 2005.
- Effort was spurred following a workshop discussion in 2005 regarding what areas of the CA coast most need to be mapped.
- Effort consists of 4 Parts: Swath Mapping, Groundtruthing, Seismic Reflection, and Product Development.
 - 1) Swath Mapping: Fugro has been contracted. The littoral zone proves to be consistently difficult to map. Quality data has been recorded from San Diego to Point Conception.
 - 2) Groundtruthing: typically done using camera sleds with multiple (~3 cameras)
 - 3) Seismic Reflection: Line spacing of 800-1,500 meters used. Very high resolution and frequency used (i.e. higher than what the Oil and Gas Industry typically uses)
 - 4) Product Development: 83 Mapping Blocks created covering CA coast. Multiple maps are created showing different elements of data (i.e. geology, biological properties, sediment characteristics, etc.)
- 35-40% of State will be groundtruthed this summer
- 10 Reasons for conducting the Seafloor Mapping Program:
 - 1) Designation of Marine Protected Areas
 - 2) Defining and Documenting Habitat
 - 3) Safer Navigation and Commerce
 - 4) Earthquake Fault Characterization; Tsunami Source Mapping
 - 5) Flooding, Storms and Tsunami Prediction
 - 6) Baseline Mapping to provide basis for Monitoring of Coastal Change
 - 7) Sea Level Rise Monitoring/Prediction and Ecosystem Restoration Impacts
 - 8) Regional Sediment Management
 - 9) Siting Infrastructure
 - 10) Public Education
- Biggest need in CA is Marine Life Protection Data (#1). Mapping and locating this data proved to be difficult in the beginning.
- #2: NOAA NMFS Lab in Santa Cruz leading effort.
- #4: CSUMP did seismic hazard mapping in the early 2000's.
- #6: want to see how society and global climate change impact seafloor morphology.
- The National Seafloor Mapping Program views CA as the national model for success for this program.
- NOAA OCS Contributed \$6M to effort.



- Jim H.: NOAA says tripling of their budget and 10 years may be required to do one survey of high priority areas.
- Jim: Once you get to 100% funding, what's the future cost to keep it going? Sam: depends on demand of areas needed.
- Clif: has the program been looking at different geological features and their impact on potential for earthflows? Sam: not specifically but in the future likely.
- Chris: Plan for product release? Sam: USGS will release maps in GIS format.

❖ **Revisions to Sediment Master Plan Brochure – Chris Potter**

- Revisions are ongoing. Comments have been received from Lesley, Clif, Heather, and Syd. Revised version will be unveiled at the next meeting.
- Clif: Need to show seawalls as problems and managed retreat as a solution.
- Leslie: Framework for Master Plan page should be updated.

❖ **Updates: Army Corps Projects – Tom Kendall**

- Tom: combined model for both Districts: meeting with Dynamics solutions the 23rd of June.
- A recurring request will be put in to reserve the Bank of America Lobby Room, to possibly include Webinar.
- BCDC Contract: we could send remaining \$120K to USGS possibly.

❖ **New Business & Announcements**

- Clif: Kathy Weldon (City of Encinitas, Coastal Zone Program Manager) would like to possibly incorporate what CSMW is doing with regard to coastal RSM Plans into their Local Coastal Program (LCP).
- H2O next year May 10-12 in San Diego. This year conference was cancelled due to protestors (Union organization Unite Here). Will be held in spring from now on (May).
- Brian: CWO will sell out soon so register soon.
- Dewberry Terrapoint will fly end of May/early June to collect LIDAR data for the whole outer coast.
- Mike Carr will contact BCDC to see if summary information (possibly a recording) of the USGS SF Bay workshop is available.

❖ **Topics for Next Meeting**

- Next call May 26. June 23 will be the next in-person meeting in the SF District Bank of America Conference Room.
- Discussion of RSM money.



- Depth of closure issue discussion with Brian Ross.
- SCOUP.
- Chris Potter: John Smith (MMS) wanted to coordinate meetings for the Sand and Gravel Program. Susie is working with MMS to set up date to meet in June. Jim H: The Waterboard will be holding a Water Quality Objectives scoping meeting next month (May 19 from 9-noon).
- Recap of the USGS SF Bay Workshop.

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NEXT MEETING
Conference Call
Wednesday, May 26th
9:30 – 11:30 AM
Call-in info to be provided



CSMW ATTENDEES

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