



CSMW Meeting Minutes
45 Fremont Street, Suite 2000
San Francisco, CA
15 JULY 2009

MEETING FOLLOW-UP ITEMS:

- ❖ **CSMW** - Send list of potential attendees for a PPR/"Top 10 RSM" discussion to Clif and Chris, who will prepare list of folks to invite to September CSMW meeting
- ❖ **Karen** will add Susie and Heather to mailing list for Tijuana Estuary
- ❖ **Clif** to see about getting GIS line and polygon files for beach locations as well as potential offshore sources.
- ❖ **Clif** will add a brief overview of potential impacts and a legend on each map of MPAs and RSM locations .
- ❖ **Clif** will send out revised MPA maps and package that will be submitted to the MLPA Blue Ribbon Task group for their late July meeting.
- ❖ **Heather** to send placement Surfside-Sunset extents to Syd
- ❖ **CSMW** should look at the discussion paper that Chris sent and give him input on these items.
- ❖ **Chris** will find out if we can get a facilitator for the RSM Plan discussion (Sea Grant)
- ❖ **Tom** will arrange a call between Brian, OPC and others to discuss the Integrated Ocean Observing System
- ❖ Brian will determine whether the AG also looking at the definition of "restoration", which is allowed in an SMR
- ❖ Chris- should give a perspective of the funding needed for each of the "Top-10" recommendations, so that we can focus on the least costly items in these economic times and separate out federal and state items.

Still pending:

- ✓ **CBR/S/CBECS/CBEAS** – Natural Resources Agency (**Chris**) is seeking Governor's office approval to release the report to the public. Pending
- ✓ **Karen** will send out a detailed scope and schedule for the Tijuana Estuary fate and transport project - Done
- ✓ **George** will see if Stimulus funds can be sent to State agencies or non-profit agencies and if there are available funds - Done
- ✓ **Heather/Susie** will talk with ERDC to see if there are RSM funds available and if it would help to have letters from other agencies to ERDC or HQ. - Done
- ✓ **Susie/Heather/Kim/Clif/Chris/Brian/George** will discuss if Master Plan funds should be used for Tijuana Estuary within the next 2 weeks (July 1st). DONE
- ✓ **Sam/Jon** will follow-up with John Haines about add'l funds for the Tijuana Estuary study DONE
- ✓ **Clif** will send out GIS maps to analyze impact of MPAs on BECAs, nearshore sites, and potential sites. DONE
- ✓ **Clif/Brian/Chris/others?** to talk with MLPA staff about potential impacts. See Below



- ✓ **PPR Subcommittee** will synthesize existing draft to pull out a recommended Top 10 list DONE
 - ✓ **George and Brian** will look at existing PPR draft and give comments (Chris will make sure Brian looks at it) - PENDING
 - ✓ **Clif** will contact Shelby, Kathy and Brad RE PPR meeting - DONE
 - ✓ **Heather** will contact Brian Brennan RE PPR meeting DONE
 - ✓ **Chris** will reconvene PPR subcommittee - DONE
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❖ **Welcome – Brian and George**

- Obama's Memo on Oceans
 - National Policy on Oceans within 90 days
 - Marine spatial plan in 180 days
- CA – develop an Ocean Policy with 90 days
- CEQ – Working on rewriting Corps' Planning Guidance, but would then be applied to all federal agencies
- Brian is pleased with outcome of TESS
- As of today, Brian is also Acting Executive Officer for OPC (for a couple of months until appointment can be filled)
- CIAP – MMS director signed the state's CIAP Plan 7/13/09 – which means the state can spend their CIAP funds (\$25M) – it's on the Ocean Programs Website (on the CA Natural Resources website)
 - Each proposal must still present a separate application which must be approved.
- NOAA Estuaries Grants (Stimulus funding)
 - Elkhorn Slough received funding
 - CA received a total of \$30M for restoration, will probably get additional funding for offshore mapping
- Send out previous meeting's minutes with the new agenda

❖ **Tijuana Estuary Fate and Transport Study – Karen and Susie**

- Funding was found to fill in budget shortfall
 - EPA – \$195K of Stimulus funds to the Coastal Conservancy
 - DBW - \$40K to UCSC
 - Corps - \$179K to USGS
- Placement of 35KCY will happen in October
- Have had Kickoff meeting for the next part of the project
 - **Karen will add Susie and Heather to mailing list**
- Could we have a CSMW meeting in San Diego in October to do a site visit?

❖ **Proposed MPAs containing potential RSM locations - Clif**

- Clif presented various maps of the proposed Round 2 MPAs for southern California bight
- 3 levels of MPAs (listed from most restricted to least)

- State Marine Reserve – could severely restrict dredging and beach nourishment
- State Marine Park – prohibits commercial activities
- State Marine Conservation Area
- State Marine Cultural Preservation Area
- State Marine Recreational Management Area
- State Water Quality Protection Area
- The real concern is over the designation of an area that has been identified as having potential for RSM activities as a State Marine Reserve
 - *“...unlawful to injure, damage, take, or possess any living, geological, or cultural marine resource, except under a permit or specific authorization from the managing agency for research, restoration, or monitoring purposes.”*
 - Managing Agency would either be State Parks or DFG
 - A clearer definition is being looked at by the Attorney General’s office to figure out how this could affect various activities such as dredging, estuary management, or beach nourishment.
 - **Is the AG also looking at the definition of “restoration”, which is allowed in an SMR.**
 - Could have a caveat that the bottom could be disturbed in certain areas.
 - What if sandy bottom habitat is the habitat being preserved?
- Round 2 of the MLPA process currently has 6 proposals (Lapis 1, Lapis 2, Opal, Topaz, External A, and External B)
- Steve Aceti spoke to Ken Wiseman about the Del Mar SMR at the last Open House about options for special conditions within this region.
- **Clif to see about getting GIS line and polygon files for beach locations as well as potential offshore sources.**
- **Brian – would help to have a brief description of impact on each map for MPA analysis – Clif will work on this.**
- Comparison Maps – info will be presented to the MLPA Blue Ribbon Task Force
 - Del Mar SMR
 - Del Mar City Beach – Topaz, Opal, Lapis 2, External A&B
 - Bounded by SMR
 - Solana Beach – Opal
 - SMR Boundary is close and could incorporate a portion of the proposed project
 - Torrey Pines State Beach - Topaz, Opal, Lapis 2, External A&B
 - Boundaries bisect the beach
 - Offshore SO-5 - Topaz, Opal, Lapis 2, External A&B
 - Bounded by SMR
 - Tijuana River Mouth SMR – need to highlight the need for having a close sediment source to the areas that need sediment

- Border Field State Park – Opal
 - TESS Demo site
 - Beach nourishment needed to protect dunes from breaching
- Offshore SS1 – Opal
 - Source of sand for SANDAG’s beach fill
 - Sand quality is much better than SS2
- Point Dume SMR
 - Point Dume County Beach – Opal and Lapis 1
 - Beaches are wide, but LA County wants to nourish (low priority)
 - Zuma County Beach – Opal Lapis 1
 - Beaches are wide, but LA County wants to nourish (low priority)
- Helo SMR
 - Goleta County Beach – Topaz
 - Boundary bisects the beach
 - Isla Vista – Topaz
 - Highly erosive location
- Coal Oil Point SMR
 - Isla Vista – Opal and Lapis 1 & 2
 - Highly erosive location
- Campus Point SMR
 - Isla Vista – External A
 - Highly erosive location
- SMRs and Wetlands – for all of these locations (except Batiquitos and Aqua Hedionda that would just require maintenance dredging), there is planned restoration, sediment excavation, and ongoing maintenance. Should also note that even if a lagoon/estuary is not included in the MPAs now, they could be added at a later date.
 - Tijuana Estuary
 - San Dieguito Lagoon
 - Los Penasquitos Lagoon
 - San Elijo Lagoon
 - Batiquitos Lagoon
 - Buena Vista
 - Aqua Hedionda
 - Goleta Slough

❖ **Wrap up of Surfside-Sunset – Kim and Steve**

- About halfway done with the project - ~1.5MCY of material
- Pump between 20-25KCY per day
- Also moved sediment within the Newport groin cell to redistribute the sediment within the cells

- Heather to send placement Surfside-Sunset extents to Syd

❖ **“Top 10 recommendations for RSM from a local perspective” – Chris**

- CSMW should look at the discussion paper that Chris sent and give him input on these items.
- Brian – should give a perspective of the funding needed for each of the recommendations, so that we can focus on the least costly items in these economic times.
- AB-64 – establishes a “beach account”, but no source of funding. Need to still look at Harbors and Watercraft Fund
- Recommend separating out federal and state items.
- The Discussion Paper and a list of Lessons Learned from the RSM Plans will be used as discussion items for the larger meeting with the regional groups.
- Chris will find out if we can get a facilitator for the RSM Plan discussion.
- Recommendations:
 - Establish a dedicated source of funds for the Public Beach Restoration Program which will attract increased local and federal participation and funding for beach restoration.
 - Modify federal policy regarding the importance of public recreation associated with the analysis of benefits and costs associated with beach restoration projects.
 - Develop ways to expedite the USACE reconnaissance and feasibility study process.
 - Amend CEQA guidelines to include consideration of impacts to beach sand supply for all projects and activities within the coastal zone or watersheds, or develop regional programmatic EIRs for sand supply projects to assist local governments within those regions in assessing and proposing these projects.
 - Establish a State Coastal Sediment Management Office to disseminate information, coordinate activities and assist local governments with sediment management issues.
 - Propose State legislation to require restoration for beach erosion caused by sand mining and state navigation, flood control, and water storage projects, including effects associated with sea level rise.
 - Change definition of “sediment as a pollutant” to “fine-grained sediment as a provisional pollutant.”
 - Propose legislation to authorize the federal government to nourish or restore beaches affected by erosion caused by all federal projects including flood control and water storage, or contribute to a state-mitigation fund that can undertake beach nourishment and restoration. (Note: This is a slight variation from what appears in the PPR white paper.)

- Utilize the TMDL component of the Clean Water Act to establish criteria for delivery of sediment to the ocean.
- Pursue measures to increase/restore natural sediment supply to the coast. (Note: Presumably, this would be a mission of the State Coastal Sediment Management office.)

❖ **Update on coast LIDAR project – Heather and Doug**

- Issues between the Corps' data collection and the state's needs:
 - geographical extent of the data collection - CA would like to have more data collected inland to cover more of the bays and estuaries
 - the resolution of the data collected - CA wants 7.5cm, Corps usually collects 15cm
- There may be additional funds to help with the additional data collection.
 - USGS (stimulus funding) – collect data in SF Bay up to the 5m contour
 - NOAA/FEMA – have \$400K to do additional data collection – want to add funding to the Corps' contract – would collect up to the 10m contour and higher resolution in some specified areas (not sure how much this funding could cover) – would prioritize southern CA and include the lagoons
- Doug – priority areas would be San Francisco Bay and Southern CA
- Scripps will not fly LIDAR this fall because of the larger area
- Is more data need in SF Bay?
 - Current data is at lower resolution than needed.
- Corps Regulatory may have a separate LIDAR collection effort
- POCs
 - Heather Schlosser (SPL), Anne Sturm (SPN), Doug George (OPC), Becky Smyth (NOAA), Tim Dougherty (BCDC), Jane Hicks (Corps Regulatory), Jennifer Wozencraft (Corps – National Program), Carol Ostergren (USGS)

❖ **Discussion on San Clemente Dam – Brian**

- Looking at bypass alternative, but there are funding issues.
- Can the owner get a rate reduction if they pay for the bypass.
- Trish Chapman is PM

❖ **PM Report**

- Corps will most likely fund the USGS Provenance Study (\$95K) and the Biological Impacts Analysis instead of the SF Bay and Orange County RSM Plans, which will be funded next fiscal year.
- **Sediment Master Plan Status Report 2008**
 - The report has been finalized and posted to the CSMW website!
- **Offshore Canyon Sand Capture**
 - The report has been finalized and posted to the CSMW website
- **Coastal RSM Plans:**

- Orange County- Discussions with Planning Department regarding Scope of Work have been held. Project startup is currently delayed until next (federal) fiscal year due to CSMW's decision to fund Tijuana Estuary Sediment Study restart. If funds cannot be sent to BCDC in a timely manner (within the next week), then this Plan will move forward.
- Santa Cruz littoral cell- AMBAG is ready to initiate activities once CIAP funding becomes available
- SF Littoral Cell- BCDC ready to initiate activities once funding is made available. USACE may fund USGS portion (Provenance Study) separately. BCDC, ABAG (SFEI) and GGNRA are in process of working up MOU to ensure that governance covers the entire littoral cell from the project start.
- Eureka littoral Cell- Humboldt Bay Harbor, Recreation, and Conservation District is ready to initiate activities once CIAP funding becomes available, and is investigating ways to establish governance across the littoral cell.
- Los Angeles County – Noble is setting up two meetings between the Corps and LA County Public Works and the Department of Beaches and Harbors to discuss the direction of the RSM plan.
- **WebMapper**
 - Sediment sources identified in the San Diego Coastal RSM Plan have either been incorporated into existing, state-wide data layers (coastal (mostly wetlands), offshore potential sediment sources) or added as a regional layer to the San Diego section. Beach profile locations were also added to San Diego Regional layer.
 - Data layers showing various types of potential receiver sites (provided by Moffat & Nichol on behalf of SANDAG) were combined into one data layer (for simplicity) and deployed to the San Diego regional data layer.
 - Data layers showing the occurrence of biology and habitat in San Diego and the suite of data layers used in the BEACON Coastal RSM Plan were obtained, and both data sets will be evaluated and deployed during the next period.
 - We have obtained the data layers showing the second round of proposed MPAs for the southern California bight, and have deployed them showing the various arrays. We are working to further illustrate the arrays by MPA type, and should have this information available after John's next update gets published by CERES.
 - John has completed development of 4 additional functions/tools for the website, and we're working through "application errors" with CERES on the CSMW server. The new functions include: a) Print Map (allows you to download the view you've created); b) Save Extent (allows you to return to the saved view); c) Coastal Records

Button (allows you to click on a spot on the coast and bring up the relevant picture from the Coastal Records Project Archive); and Zoom to BECA (John's innovation- I look forward to checking this one out!).

- John has developed a draft BECA line file (showing the approximate extent of the receiver site along the coast, as opposed to our current "Point" layer which shows the BECA as a spot). I will be reviewing and fine-tuning during the next period and, (Syd), expect it to be deployed soon.
 - The Wetlands data layer obtained from the PRI website cache, at our request, was edited (by Matt Hegenburger) to remove a number of "offshore lakes" and then reposted to WebMapper.
 - Minor edits to several data layers were downloaded from the website to address slight inconsistencies in locations, and then reposted back to WebMapper.
 - **CSMW Website**
 - Several of the webpages have been updated to reflect current status, including the Homepage and the Sediment Master Plan, Coastal RSM Plan, and Library pages.
 - Documents posted to the website include:
 - SMP Status Report 2008 (CSMW Reports category)
 - Offshore Canyon Sand Capture (Sediment Assessment category)
 - CEQA Statutes and Guidelines (Environmental category)
 - Reservoir Sedimentation Database (RESSED) (Sediment Assessment category)
 - Sandshed Management (Revell & Griggs) (RSM category)
 - A new category (Policy and Planning) was created and the following were added to this section:
 - OPC 5-year Strategic Plan
 - West Coast Governor's Agreement on Ocean Health Action Plan
 - Florida's Beach Restoration Program (PDF Presentation)
 - Texas's Beach Restoration Program (PDF Presentation)
 - Another new category (Sea Level Rise) was created and the following reports were added to this section:
 - California Coastal Erosion Response to Sea Level Rise (PRI)
 - Impacts of Sea Level Rise on the California Coast (PWA)
 - **Biological Impact Analysis Report**
 - Due to budget issues and the Governor's directives regarding contracting, the BIA Phase 2 upgrades have been put on hold until further notice. Dependant on how the funding issues work out for the SF Bay & Coast Coastal RSM Plan, USACE may be able to



fund a portion of the upgrades either this year or next (federal) fiscal year.

- MBNMS is working on funds for the User's Guide and Resource Protection Guidelines efforts and these funds should be available to the Sanctuary Foundation (their contracting arm) in the not-too-distant future.
- **CBEAS:**
 - Natural Resources Agency is still working with Governor's office to obtain final approval of the document for general release.
- **CSMW Reference Database**
 - Still awaiting submittal of references from SANDAG/Moffatt & Nichol used in compilation of Coastal RSM Plan
- **Coastal Sediment Benefits Analysis Tool (CSBAT)**
 - Need to develop a subcommittee both within the CSMW as well as other stakeholders and from other Districts within the Corps to analyze the future direction of the tool. This action will not happen until after October.
- **Tijuana Estuary Sediment Study (TESS)**
 - Remaining funds needed to complete the study have been obtained from USACE (using CA Sediment Master Plan funds), DBW (using funds formerly targeted for the BIA), USGS and EPA.

❖ **Other Items**

- Goleta Beach
 - Coastal Commission did not approve the proposal for Goleta Beach
 - Questions brought up about modeling
 - Downcoast impact potential
 - Huge push for managed retreat – would need to move utilities (including high pressure gas line), parking lot, and bathroom facilities
 - Staff report recommended the project with caveats that included pre-project monitoring prior to construction
- BCDC Sea Level Rise design competition for the Bay – “Rising Tide”
 - on display at BCDC's office and also online
 - have received entries from all over the world
 - there were 6 winners

NEXT MEETING
Conference Call
August 19, 2009
9:30-11:30

CSMW ATTENDEES



Name	Organization	Phone	E-mail
Becky Smyth	NOAA - CSC	415-904-5251	Rebecca.Smyth@noaa.gov
Brad Damitz	Mont. Bay NMS	415-259-5766	Brad.Damitz@noaa.gov
Brian Baird	CA Resources	916-657-0198	Brian@resources.ca.gov
Carolynn Box	BCDC	415-352-3624	carolynnb@bcdc.ca.gov
Chris Potter	CA Resources	916-654-0536	Chris.potter@resources.ca.gov
Clif Davenport	CGS	707-576-2986	Clif.Davenport@conservation.ca.gov
Doug George	OPC	510-286-4179	dgeorge@scc.ca.gov
George Domurat	USACE – SPD	415-503-6575	George.W.Domurat@usace.army.mil
Heather Schlosser	USACE – LA	213-452-3810	Heather.R.Schlosser@usace.army.mil
John Dingler	USACE – SF	503-729-2492	John.R.Dingler@usace.army.mil
Jon Warrick	USGS	831-427-4793	jwarrick@usgs.gov
Karen Bane	Coastal Conservancy	510-286-0922	kbane@scc.ca.gov
Kate Hucklebridge	Coastal Commission		
Kim Sterrett	DBW	916-263-8157	Sterrett@dbw.ca.gov
Lesley Ewing	Coastal Commission	415-904-5291	lewing@coastal.ca.gov
Loni Adams	DFG	858-627-3985	LAdams@dfg.ca.gov
Mark Johnsson	Coastal Commission	415-904-5245	mjohnsson@coastal.ca.gov
Peter Mull	USACE - SF	415-503-6733	Peter.A.Mull@usace.army.mil
Steve Aceti	Coastal Coalition	760-612-3564	steveaceti@calcoast.org
Susie Ming	USACE – LA	213-452-3789	Susan.M.Ming@usace.army.mil
Syd Brown	State Parks	916-653-9930	SBROW@parks.ca.gov
Tom Kendall	USACE – SF	415-503-6822	Thomas.R.Kendall@usace.army.mil