



**CSMW Meeting
San Francisco, CA
February 21, 2008**

Action Items

1. Chris will set up meeting with State Parks (Rick Rayburn)
2. Need to have a more formalized review plan for each Master Plan product (Clif/Heather)
3. Megan to contact Amber Mace to discuss Tijuana Estuary Study
4. Biological Impacts Assessment – waiting for comments from various agencies
5. Summary table on ongoing Master Plan activities – waiting to hear from Brian/George
6. Heather/Clif – presentation on Toolbox at next CSMW
7. Heather to send out email regarding sediment database – estimate of cost and request input from CSMW members
8. Heather to send out Draft Submarine Canyons Report
9. Clif to organize meeting between AMBAG, S. Monterey Task Force and CSMW (partial group) – discuss AMBAG's RSM plan.

❖ **Introductory Comments**

- West Coast Governor's Agreement – final approvals now (~3 weeks)
 - Map bathymetry along the coast of all 3 states
 - Push for sediment management plans
- Tijuana Estuary
- Invite Sediment Managers from OR and WA for the next meeting??
- Bring in policy person from the Coastal Conservancy to help out with CSMW/Master Plan – Brian is working on this
- Need to have a more formalized review plan for each Master Plan product (Clif/Heather)

❖ **CBrES**

- ID erosion areas then talk in another section of the report about potential solutions (in a general manner)
 - Syd will talk with State Parks folks on this approach
 - Chris will set up meeting with State Parks (Rick Rayburn)
- Each of the RSM plans is identifying critical erosion areas and looking at potential solutions

❖ **PPR**

- Updated report – divided recommendations into 3 Themes
- Had meetings/call in December and January
 - Action Items for sub-committee members – Waiting for items from Chris, Jon Gurish, Jim H



❖ **Review of Minutes from 6 DEC 2008**

- Summary table on ongoing Master Plan activities – waiting to hear from Brian/George
- BIA – Chris to contact NOAA Fisheries and Fish and Game – need to have confirmation for a reviewer from NOAA Fisheries
- Megan to contact Amber Mace to discuss Tijuana Estuary Study

❖ **Development of Hydromodification Tools**

- Reason for study – increase of impervious cover
- MS 4 permits – Regional Boards are directing counties to development plans for new development to help with “cover” issues/ sediment yield
- Stormwater Monitoring Coalition (SMC) – funded empirical studies to compare historic and contemporary channel shape and sized to changes in impervious cover
 - Channels can adjust to new flow conditions, however, if changes occur too fast, then they cannot
 - Between 5-10% impervious cover, there is a huge change in streams
 - As urban development goes up, stream habitat degrades
- Current Study looking at 3 questions – Grant from State Water Board for the Southern CA region
 - Which streams are at the greatest risk of effects of hydromodification? Screening Tool
 - What are the anticipated effects in terms of increased erosion, sedimentation, or habitat loss, associated with increases in impervious cover? Modeling Tools
 - What are some potential management measures that could be implemented to offset hydromodification effects? Management Tools
 - Developing protocols for mapping and classification
 - Developing protocols for monitoring and assessment
 - Developing and calibrating predictive models
 - Developing management tools
 - Half the sites were in burn areas – looking for funding (~\$50K) to be able to resurvey after the rainy season – will be able to look at the effects of fire
 - Target audience for tools is for planners at the local agencies (ones responsible for permitting)
 - Screening Tool goals vary by current conditions



- Protection – relatively “pristine” area – manage runoff, restore streambank??
- Restore – can the area be stabilized ore recontoured?
- Manage for new conditions – condition is too altered to try to get back to natural state, need to manage for current, altered condition
 - Modeling Tool goal focuses on long term – want to be able to predict geomorphic response
 - Think about managing both the water and the sediment – want to keep coarse sediment in the system
- Documentation is available on SCCWRP’s website
- Vermont has a very developed program

- ❖ **LA District Activities**
 - Master Plan is in the FY09 President’s Budget for \$900K
 - Sediment Characteristics Database
 - “Mine” Corps regulatory permit data
 - Would this be useful?
 - Chemical vs physical characteristics
 - Marina del Rey – there is funding to try sand separation for 50kcy

- ❖ **Regional Water Board, New Guidance**
 - North Coast Water Board – north of Tomales River
 - Excess sediment coming into streams – 70% of streams declared as impaired due to excess sediment
 - NEW RULE – Hope to adopt in August/September:
 - Prohibition of Excess Sediment:
 - The discharge of threatened discharge of excess sediment from human caused activities to waters of the state is prohibited.
 - Excess sediment is defined herein as soil, rock, and/or sediments (e.g. sand, silt, or clay) discharged to waters of the state in an amount that could be deleterious to beneficial uses or cause a nuisance.

- ❖ **Master Plan Activities**
 - Revisit outreach plan – redo the original roadshow to show what the Master Plan has been doing
 - **SEE Project Manager’s Report**
 - IMS
 - May be moved to the state (CERES) soon.....

- ❖ **DBW Activities**



Coastal Sediment
Management Workgroup

- Governor's Budget
 - \$19.5M for next 3 years for SANDAG project (~2011)
- State-owned dredge
 - Moffatt report stated that it would be cost effective if the State had a lot of dredging projects
 - Looked at hopper dredges
- ❖ **State Legislative Update**
 - There is no money
 - CA Green – new group – coordinate on bills
 - Looking at fees
 - Boating license fees
 - Marine Debris fees
 - Ducheny Bill – amend coastal act
 - Deletes the language that says that 2 Commissioner can appeal a decision
- ❖ **RSM Plan Update**
 - Need to have a Corps contact/reviewer for each of the RSM studies
 - AMBAG
 - Board of Directors is on board
 - S. Monterey Bay Task Force – meeting scheduled for March/April – Clif will arrange meet
 - Slated to complete in mid-May (Board to adopt May 14th)
 - SANDAG
 - Public meeting went well
 - Draft plan due in April
 - BEACON
 - Draft plan in July
 - 2 reports out now –
 - Challenges and Opportunities
 - State of Knowledge
 - Public meeting planned around May....
 - Where can CSMW go further in the future? Can they add this?
 - Next??? Orange County, Humboldt, Morro Bay, Ocean Beach
 - CIAP - \$1M (not here yet)
- ❖ **SF District Study Activities**
 - 933 Study – take nearshore material onshore to Ocean Beach – have some money
 - Trying to get current nearshore site designated as a disposal site (start designation process this year)



❖ **Other Items**

- Camp Pendleton – sand from Santa Margarita – can we use this sediment? How could we engage the Marine Corps??
- BCDC – Climate Change – How will the Bay respond – Sediment Management
 - Applied for CIAP grant to do RSM in SF Bay
 - Turning LTMS more into an RSM plan

NEXT MEETINGS
Monterey Bay (March/April)
SCRIPPS (La Jolla, CA) – May 6, 20, 29 - TBD



CSMW ATTENDEES

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SMP PROJECT MANAGERS REPORT CSMW

February 21, 2008

Coastal RSM Plans:

1. PWA made two presentations to the AMBAG BOD. The second (2/13/08) was well received and laid good groundwork for acceptance by the Board when Plan is completed. Public meeting scoped for March and BOD adoption scoped for May 14. CSMW meeting at Scripps will prevent presentation to CSMW prior to this date- set up subcommittee for timely review?
2. SANDAG held Public Meeting on January 23. Well attended, many positive comments received on potential sources of sand, what should be included in the plan, and how can we make sure the Plan is used. Draft Plan due in April.
3. Noble has brought PWA (David Revell) on board to add his expertise in the BEACON region to the project. Rough drafts of “Challenges and Opportunities” and “State of Knowledge” reports handed out yesterday at progress meeting. Draft report pushed back to mid- June.

Coastal References Database

1. Database being populated with references obtained during Reference Review effort by a student Assistant under John Carotta’s supervision
2. Regional references from AMBAG CRSMP have been entered.
3. Database has been made available to CRSMP consultants individually, while John works with DBW IT staff to get the database available through the CSMW website.
4. CRSMIS spatial library has been cleaned up and is currently available on DVD to CRSMP consultants and anyone else interested.

PPR- Recommendations White Paper

1. The PPR Recommendations subcommittee met twice (by phone) to discuss modifications to the revised report. Good synergy and comments. Action Items were allocated to individual members of the committee. Edits, reorganization and clarifications have been incorporated. The report currently awaits input from various subcommittee members.
2. The next version will need to be run past CCC staff to ensure they’re on board with the report’s recommendations.

Biological Impact Analysis Report (aka Review of Biological Impacts Associated with Sediment Management and Protection of California Coastal Biota)

1. Reviews of the Report have been received from Bryant Chesney (NOAA) and Bill Brostoff (USACE).



2. Currently awaiting comments from Eric Stein (SCWRP), Bill Douras and Matt Brookhart (NOAA), Loni Adams (CDF&G) and second reviewer from USACE.

Tijuana Estuary Science Study

1. Representatives from CSMW, USGS and SCC met with USEPA to discuss the project goals and to assess whether USEPA would use the results as an alternative to default 80/20 limitations on source materials if appropriate. USEPA responded affirmatively and indicated that positive results could reduce the burden of proof for project proponents elsewhere in coastal California with similar physical settings.
2. Representatives from CSMW and USGS made a presentation to the SANDAG Shoreline Preservation Working Group to enlist their support for the project which has additional benefits for wetlands in general and the Tijuana Estuary specifically. The SPWG will recommend to SANDAG Board in March to express their support.

IMS

1. The Corps' Mobile District-hosted site is currently down. – Have completed documentation on the coding of the IMS site (from USC).
2. The coding for the IMS site has turned out to be more complicated than originally thought – has made updates somewhat difficult.
3. In talks with Mobile to determine the workflow between them and John Carotta. Most recent plan is that John will post changes to Mobile's FTP site and they will incorporate the changes 1-2X per month.
4. DBW has recently agreed to provide funds needed to configure the server that DBW has already agreed to buy for the project. SOW and contract between DBW and CERES under development. CGS will begin prototype development of the viewer using the new platform (ArcGIS Server) in the near future while the contractual issues are worked out.



Coastal Sediment Benefits Analysis Tool

1. Initial testing shows that the tool is working – will have a demo at an upcoming meeting – we can also have a separate meeting for those interested prior to the next CSMW.
2. John has done testing- comparing alternatives is problematic.
3. Tool will be available to each CRSMP consultant group. John investigating what data layers need to be obtained for proper tool function in/for AMBAG effort.