

IEP Tidal Wetlands Monitoring Project Work Team Meeting Notes

Oct 1, 2014

DWR – West Sacramento – Room 119

Meeting Attendants

DFW - Alice Low, Rosemary Hartman, Stacy Sherman, Dave Contreras, Trishelle Morris, Michael Eakin, Hildie Spautz, Carol Akins, Adam Ballard (phone)

USFWS - Denise Barnard, Heather Swinney, Katherine Sun

USGS – Larry Brown, Tara Morgan

DWR – Erik Loboschefsky, Pascale Goertler, Ted Sommer, Louise Conrad, Krista Hoffman, Heather Fuller, Gardner Jones, Gina Benigno, Anitra Pawley, Joy Khamphanh

N/A – Bruce Herbold

ICF – Rebecca Sloan

DSC – Daniel Huang, Chris Enright

ESA – Ramona Swenson

MWD – Shawn Acuna

SFCWA – Stephanie Fong

Topic: Introductions/Housekeeping

- Ted Sommer summarized a discussion of the IEP coordinators about the scope of this project work team: monitoring near term actions is the first priority, but keep in mind the entire ecosystem response.

Topic: Summary of Updated Conceptual Models from the CM Sub team, Schedule for Completion of Text

Two newly developed conceptual models are presented to the team: Tidal Wetland Evolution & Contaminants. In general, all conceptual models for each topic are in great shape and text is being written. Bruce Herbold has developed an overall outline of the conceptual model paper and Rosemary Hartman has developed a general outline for the conceptual models. The PWT will like to compile data sources and personnel to develop a tidal wetland generalized monitoring plan from the conceptual models.

Comments

- Will areas outside the project site be looked at?
 - Yes, data from existing surveys will be looked at in conjunction with sampling outside the project site.

Tidal Wetland Evolution Model

Suisun Marsh submodels were copied into this conceptual model

Comments

- Tier 4 seems redundant of tiers 2 & 3.
 - Tiers 2 and 3 are drivers affecting tier 4
 - Emphasis is on outcome of elevation and structure, so tier 4 should not be cut

- Tier 4 needs to be restructured
- Anitra would like to be added to the next tidal wetland evolution sub team meeting

Contaminants Model

Comments

- If possible, keep attributes the same as other models
 - Redundancy may be introduced if this model is structured like the others
- Should resident/past land use be incorporated into the site attributes?
- Try to move contaminant loadings off to the side of the model
- Create a link between landscape to design
 - This perhaps may be better represented in the monitoring plan
- The project must meet USFWS compliance and effectiveness monitoring goals
- Synergies/Antagonism additive effects should also be in biological responses

Topic: Summary of Tidal Wetlands Issues/Premises from Premises Sub team

Comments

- In premises 2.1 and 2.4 - Add “habitat quantity, quality, and availability”
- Premise 4 - Change “capture” to “sequester”
- Issue 4 – Add a food web component to the premise
 - Premise 4 sounds like Issue 4 and may need to be more in depth
- Issue 5 - Change “low” to “reduced quality and quantity”
- Issue 5 - Add a premise for harmful algal blooms
- Premise 6 - For consistency with USFWS change to “tidal wetland complexes”
- Issue 7 - (habitat access) deemed redundant with other issues, so deleted
- Issue 9 - Reword premises to capture physical (9.1) and chemical (9.2)
- Need to be consistent across all conceptual models on the definition of site, local, landscape?
- Are OLU developed for the Delta?
 - No, but there is a need to develop those over the next year
- Try to make OLU consistent with ROA for consistency with BDCP
 - Take out Cache Slough Complex wording in the definition
- Any further comments on the issues or premises can be sent to Alice Low

Next Step: Generalized Monitoring Plan – List of expertise and data sources

Another subset of teams will be formed and focused on developing hypotheses from the premises to write a generalized monitoring plan. Bruce Herbold plans to use the framework from the tidal wetland conceptual models and generalized plan to write a monitoring plan for Dutch Slough.

Next Meeting:

Wednesday, November 5 from 9-12 in West Sacramento at the DWR building.