

OUTCOMES MEMORANDUM

TO: CAMT Salmon Subcommittee Members
FROM: Rafael Silberblatt
DATE: October 22, 2020
RE: September 17, 2020 CAMT Salmon Subcommittee Meeting

Attendees: April Hennessy, Brad Cavallo, Bruce DiGennaro, Bryan Matthias, Brycen Swart, Carl Wilcox, Cathy Marcinkevage, Clint Alexander, Dylan Stern, Frances Brewster, John Ferguson, Josh Israel, Mike Beakes, Natascia Tamburello, Pascale Goertler, Sheena Holley

Action Items:

- Rafi - Check with Anchor members first to identify availability for October meeting then circulate doodle poll to rest of group (DONE)
- Mike Beakes - Send Natascia CPVIA strategy report (DONE)
- Natascia - Develop 2 pager executive report/key takeaways document (DONE)
- Subcommittee members - Submit comments on draft CSSP to Rafi (DONE)
- Rafi - Consolidate Subcommittee members' feedback on CSSP and send to Natascia (DONE)
- Natascia - Complete and distribute final CSSP
- John - Send Rafi materials to distribute to Subcommittee (DONE)
- CDFW - Prepare presentation related to ICF Entrainment Loss Model and parallel efforts for Oct Subcommittee meeting (DONE)
- Rafi - Allot time for further discussion on salmon recovery (in light of Policy Group subcommittee's guidance) at future subcommittee meeting
- Pascale - Schedule presentations from DSP-funded PIs (shoot for every other month)

Discussion Highlights:

1. Agenda Review and Updates

- NA

2. Coordinated Salmonid Science Plan

- ESSA provided an overview of the draft CSSP report and solicited input regarding a number of outstanding items:
 - CSSP was originally intended to be a short report aimed at managers while still being valuable for scientists. Currently at 60 pages (largely due to results tables)
 - Consider a two-page executive summary that might include the following elements:
 - Methods
 - High level results of each of the 3 themes
 - Alignment with parallel efforts

- Recommendations/next steps
 - Benefit of broad stakeholder participation (process was widely representative through interviews, survey, refiner group, Subcommittee/CAMT presentations)
- In response to interest expressed by Subcommittee members in better understanding areas of disagreement, ESSA added an outlier analysis and narrative interpretation
 - Concern that current discussion regarding areas of disagreement leaves out activities with low benefit scores
- CSSP includes highlighted case studies (three per theme) that are meant to demonstrate what a deeper dive might look like (not meant to suggest they are a higher priority)
- Focus on parallel efforts (Denise Reed's Delta Smelt Science Plan + CVPIA near term restoration strategies) and where there's alignment/overlapping activities.
- Questions Comments
 - Acknowledge that the objective has evolved over the life of the project and the refiner working group is on board with these changes. Will need more time to do a deeper dive on the data that's been generated. This report is best viewed as an initial broad overview of themes/activities largely focused on areas of agreement.
 - Feel good about this product and reaching this milestone but it will be critical to keep momentum going (which will require continued engagement)
 - Not the final plan but a great stop along the way. Next steps are further aligning with other efforts and additional quantification/analysis to further hone priority activities.
 - Are you planning on creating a manuscript?
 - Not the intention. Will include the data with the report so that individuals can conduct further analysis.
 - Concerned that "alignment" with parallel efforts is too passive, consider "integration" to make clear that additional work will be required to make progress on developing a comprehensive plan.
 - Will consider using "integration" in section on next steps.
 - Not sure that there's a lot of overlap between CSSP and parallel efforts (i.e., they don't share the same geographic boundaries, etc)
 - Seems like one role for CAMT to play is communication, information-sharing, cross-pollination of planning efforts (both in terms of process and results).
 - Even without geographic overlap it appears DSSP and CVPIA strategies include recommendations for some similar activities.
 - Other considerations for next steps section:
 - Discussion regarding the resources allocated to gathering information (e.g., ongoing monitoring) vs. activities aimed at improving survival
 - Interested in hearing the perspective of a social scientist regarding potential further data analysis.
 - Are there activities that are ready for implementation while further analysis is being conducted?
 - Not quite there yet
 - In addition to next step section in report, consider having Subcommittee draft

recommendations for actionable items that could live in an accompanying memo

- Consider streamlining and/or moving the following sections to the appendix:
 - Case studies, outlier section
- Due date for comments pushed back to 10/2

3. DSP-Funded Projects

- The Subcommittee provided input regarding the rough timing/structure of engagement with DSP-funded PIs:
 - Roughly an hour (10-15 min project overview, discussion regarding critical management issues)
 - Try to schedule a presentation every other month
- In preparation for Oct Anchor QEA presentation, John will distribute materials/questions prior to presentation. Focus will be on priorities in terms of analyzing hypotheses and feedback on statistical approach (e.g., are any key hypotheses missing? What variables to consider?)
 - Consider including rationale for each hypothesis

4. October Subcommittee Prep

- CDFW presentation regarding IEP salvage prediction model and concerns regarding alignment with ICF model (i.e., different time steps are being used).
 - ICF model will be presented at CAMT in November
- CSSP next steps
 - Related to Policy Group guidance on recovery
 - Subcommittee message for CAMT (memo, PPT, etc.)

5. Salmon Recovery

- At 9/2 CSAMP Policy Group meeting, NGOs proposed shifting focus from meeting regulatory requirements to recovery (noting that recovery also falls within regulatory requirements). Policy Group working group will be meeting to come up with guidance regarding what role CSAMP/CAMT might play. Not yet clear what exactly recovery entails (i.e., it's defined differently by ESA, NMFS' criteria and standards)
 - Policy working group will need to weigh in on recovery criteria, scope (geographic boundaries, species, runs), etc. as a first step in an iterative process with CAMT/Subcommittee members.