

# Update: Status of SONCC coho salmon recovery plan

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# SONCC Core Team

- Six NOAA staff are committed 16 hours per week to bring plan to final stage. Effort will likely be expanded after actions described below are completed.
- NOAA received 2,500+ unique comments on the public draft of the plan. All comments were entered into an online database.



# SONCC Core Team

- Core team is assigning each comment one of 65 'topics'.
- Comments will be considered by topic, solutions developed, then applied consistently across ESU.
- Action (if any) for each comment will be captured in database.
- Release of final plan expected in late 2013.



# SONCC Hydrologic Function Analyses

- Need to identify level of stress “altered hydrologic function” and threat “dams/diversions” by watershed
- Goal: Develop definition of low, moderate, high, very high stress and threat, categorize each pop based on available data.
- Has relationship between spring precip. and summer flow changes over decades?
- Considering comparing predicted precipitation (from PRISM model) to actual flow.



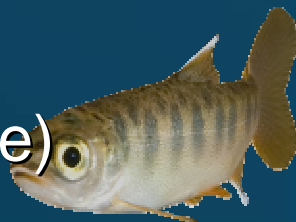
# SONCC Hydrologic Function Analyses

- Considering grouping gages according to geology, elevation, and degree of human alteration (Reference gages provide info on climate signal)
- Considering constructing simple water budgets:

*Precip. - runoff = all else [i.e. evapotranspiration, diversions]*

Considering other indicators of hydrologic alteration

- Reservoir storage as % precipitation
- Human population density (and estimated residential water use)
- % agriculture area (and estimated ag. water use)
- % impervious area, road density



# SONCC Hydrologic Function Analyses

- Present results at March 2013 SRF conference
- Plan to use results to revise plan.



# Review of recovery actions by population (SONCC)

- There is a benefit to consideration of population-specific recovery actions contained in state and Federal recovery actions
  - Ensure all needed recovery actions are identified.
  - Identify those most important to prevent extinction of a population.



# Review of recovery actions by population (SONCC)

- First effort to do this by pulling together local experts in a watershed is being planned for the Smith River in December 2012.
- Review of recovery actions in the Eel River is likely to occur in spring/summer 2012.





# Salmonid Restoration Federation Meeting

March 2013, Fortuna CA

- There will be a session at this meeting titled ‘Recovery Plan Implementation: Where Do We Go From Here?’
- Six presenters will describe how recovery plans are implemented in Washington, Oregon and California, and comment on how they can be better implemented.
- More than half of presenters planned to be non-governmental.



# SRF session topics

- What can be done to promote voluntary actions listed in the plans?
- Can the plans be used to obtain additional funds for implementation of recovery actions?
- What entities will guide implementation of the plans – NMFS or CDFG alone, or some other implementation team?
- What can be learned from Washington and Oregon, where some recovery plans were finalized years ago?
- How would one integrate all the plans into an implementation approach?



# Update: Status of CCC coho salmon recovery plan

Julie Weeder for Charlotte Ambrose



# CCC Coho Salmon Plan

- Final plan was released on September 5, 2012.
- Public workshops in Santa Cruz, Santa Rosa and Ukiah went well.
- Big event will occur to demo the plan, partnerships, and projects on January 14 in Lagunitas. Details are forthcoming.

