

SALMON METHODOLOGY REVIEW—FINAL TOPIC SELECTION

The Salmon Methodology Review is guided by [Council Operating Procedure \(COP\) 15](#) and is a three-step annual process intended to help clarify the technical basis for Pacific Fishery Management Council (Council) salmon management actions. Each year, the Scientific and Statistical Committee (SSC), Salmon Technical Team (STT), and Model Evaluation Workgroup (MEW) work together to identify and resolve methodology issues which need documentation and/or merit a full review.

The review process begins in April with a list of candidate topics identified. At the September meeting, the Council is informed of the topics ready for review and notified of any assistance needed from management entities to accomplish the review. In November, after the review is conducted, the SSC and STT provide the results of the review and any recommendations for change. Changes adopted by the Council in November are to be implemented in the coming season or the Council may provide direction for handling any unresolved issues. Because there is insufficient time to review new or modified methods at the March meeting, the Council may reject their use if they have not been approved the preceding November.

At its April 2023 meeting, the Council adopted the following priority candidate items for the 2023 Salmon Methodology Review.

1. Consider technical modifications to the Sacramento River winter Chinook abundance forecast by examining whether an egg-to-fry covariate can improve forecast performance (assigned to National Marine Fisheries Service)
2. Review and consider improvements to methods used to model South of Falcon fisheries in Chinook Fishery Regulation Assessment Model (assigned to MEW)
3. Explore alternative forecast approaches for the Oregon Production Index Hatchery coho forecast (assigned Oregon Production Index Technical Team)
4. Explore alternative forecast approaches for the Sacramento Index (assigned to STT)
5. Fishery Regulation Assessment Model Documentation (assigned to MEW)

All materials for review are due at least two weeks prior to the October review meeting date and made available to the SSC Salmon Subcommittee and STT. The salmon methodology review is tentatively scheduled for October 11-12, venue to be determined.

Council Action:

- 1. Determine if topics identified for review will be ready for the October Salmon Methodology Review meeting.**

Reference Materials:

1. If received, Public Comments are electronic only (see [e-portal](#)).

Agenda Order:

C.2 Salmon Methodology Review—Final Topic Selection

Robin Ehlke

- a. Reports and Comments of Management Entities and Advisory Bodies
- b. Public Comment
- c. **Council Action:** Identify Topics for Review in 2023

PFMC

08/14/23