

SALMON TECHNICAL TEAM REPORT ON  
SALMON METHODOLOGY REVIEW – FINAL TOPIC SELECTION

During the April 2025 Pacific Fishery Management Council (Council) meeting, the Council identified three preliminary topics for Methodology Review in 2025. The topics, and responsible entities, were:

1. The Oregon Production Index Hatchery (OPIH) forecast methodology: including the index exponential-decay-weighting approach adopted for use in 2025 and additional aspects of the OPIH forecast methodology, such as breaking the forecast into component stocks, as time and staffing allows [Oregon Production Index Technical Team (OPITT)];
2. Derivation of natural-area  $S_{MSY}$  for Sacramento River fall Chinook [Sacramento River fall Chinook Workgroup (SRWG)];
3. Methods for deriving a total (natural areas plus hatchery) escapement objective based on consideration of natural production and hatchery needs [SRWG].

For topic 1, the Salmon Technical Team (STT) received an update from Cassandra Leeman (Oregon Department of Fish and Wildlife (ODFW), OPITT) and expects that this topic will be ready for review for the October 2025 Methodology Review meeting.

Ms. Leeman also provided an update and background regarding the proposed change to the marine survival index used in the Oregon Coast Natural (OCN) coho harvest matrix as described in agenda item [F.1.a, Supplemental ODFW Report 1](#) and indicated that this topic will also be ready for review should the Council decide to add it to the final list.

For topics 2 and 3, the STT received an update from Dr. Will Satterthwaite (SRWG Chair) indicating that these topics will also be ready for the October 2025 Methodology Review meeting.

The STT is prepared to review items 1-3 and the OCN marine survival index topic at the 2025 Methodology Review meeting on October 9-10, 2025.