

D.3 Final Methodology Review

Council Action:

1. Approve new and modified methodologies and conservation objectives as appropriate.
2. Provide guidance, as needed, for any unresolved methodology issues.

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Recognizing that both the Scientific and Statistical Committee (Agenda Item D.3.a Supplemental SSC Report 1) and the Salmon Technical Team (Agenda Item D.3.a Supplemental STT Report 1) found the Gaussian Process as an improvement to the current Base Model of the Sacramento River winter Chinook abundance forecast, adopt the Gaussian Process 1 model for use in harvest management beginning in 2024 due to its superior performance in predicting control rule outputs. As recommended by the SSC, periodically revisit the forecast methods for SRWC every 3-5 years to re-assess their performance and evaluate additional covariates (e.g. the Juvenile Production Index) as warranted.

Motion by Marci Yaremko

Second by Marc Gorelnik

Motion passed unanimously.

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I move that the Council adopt the forecast methodology for Oregon Production Index Hatchery coho as presented on pages 28-51 of Agenda Item D.3 Attachment 1, with the corrections identified as erratum in Agenda Item D.3 Supplemental Attachment 2 incorporated.

Moved by Kyle Adicks

Seconded by Butch Smith

Motion passed unanimously.

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