

SALMON ADVISORY SUBPANEL REPORT ON SALMON METHODOLOGY REVIEW

1. Sensitivity analysis of Chinook and Coho Fishery Regulation Assessment Models (FRAM) to major assumptions, including sensitivity to parameters related to mark-selective fisheries.
 - Salmon Advisory Subpanel (SAS) is encouraged by the preliminary results of the FRAM sensitivity analysis and supports continuation of the FRAM sensitivity analysis.
 - Some parameter estimates used in the FRAM deserve further refinement, in particular, net fishery drop-out rates are based on Alaskan ocean fisheries, and are probably too high for inland fisheries such as Puget Sound and Columbia River.

2. Sacramento River fall Chinook
 - The SAS feels it important to highlight the fact that the Sacramento Harvest Model is based on an index and not a full run reconstruction like the Klamath Ocean Harvest Model. Furthermore we recognize the difficulties the team faces in trying to develop this model before data from the constant fractional marking program becomes available.
 - Until the cause of the recent collapse of the Sacramento River fall Chinook is fully understood and is quantified, use of this model and the ocean abundance estimates may be difficult to predict and should be highlighted as such.
 - The SAS recommends the Council proceed with caution in implementing the Sacramento Index and Sacramento Harvest Model for ocean management.

PFMC
11/02/08