

MODEL EVALUATION WORKGROUP REPORT  
ON SALMON METHODOLOGY REVIEW PROCESS AND PRELIMINARY TOPIC  
SELECTION FOR 2013

The Model Evaluation Workgroup's (MEW) list of work tasks for potential review at the October Methodology Review Meeting is:

- Continue the examination of the bias in coho mark rates between Fishery Regulated Assessment Model (FRAM) predicted and observed in Council fisheries. We would like to isolate the components of the evident bias and identify modifications or adjustments in FRAM that would address the bias.
- Update Chinook FRAM's ability to estimate legal and sub-legal size encounters. Modify Chinook FRAM's sublegal encounter algorithms and base period sublegal encounter rates, and associated relationships, to enable evaluations of size limit changes. We would like to pursue the development of a general framework applicable to all FRAM fisheries. A key component of this new method is the ability to incorporate recent data.
- Produce a User's Manual for the Visual Studio version of the FRAM model.
- Review method and data included in developing the Chinook FRAM base period. Develop a work plan that identifies algorithms or data refinements needed to produce a base period data set that improves FRAM assessments of current fishery management.

In addition, the feasibility of incorporating coho mark-selective fishery bias correction methods into Chinook FRAM continues to be explored.