

NOAA Fisheries 9th National Stock Assessment Workshop

◆ April 18-20, 2006 ◆
◆ San Francisco, California ◆

Workshop Agenda

◆ All presentations are in the general session room unless noted otherwise ◆

Tuesday, April 18

- 9:00-9:20 AM **Opening remarks**
- Survey Session
- 9:20-9:40 AM *Dana Hanselman (AFSC)* – Catchability: surveys, submarines, and stock assessment
- 9:40-10:00 AM *Dave Somerton (AFSC)* – Estimating catchability for flatfish
- 10:00-10:20 AM *Russ Brown (NEFSC)* – Trawl calibration
- 10:20-10:40 AM **Break**
- 10:40-11:00 AM *Josh Millstein (AFSC)* – FRV calibration issues
- 11:00-11:20 AM *Mary Yoklavich (SWFSC)* – A fishery independent assessment of cowcod using habitat maps and direct observation from a manned submersible
- 11:20-11:40 AM *Robert Moffitt (PIFSC)* – Insular resources
- 11:40-12:00 PM *Pete Sheridan (SEFSC)* – Bringing advanced sampling technology to bear on stock assessments—can NMFS gizmos reduce uncertainty?
- 12:00-12:20 PM **Survey Discussion**
Moderators – *Dave Somerton (AFSC) and Russ Brown (NEFSC)*
- 12:20-1:40 PM **Lunch**
- Ecosystem Session
- 1:40-2:00 PM *Michael Schirripa (NWFSC)* – The NOAA FATE (Fisheries And The Environment) Program: developing environmental indices for stock assessment
- 2:00-2:20 PM *Anne Hollowed (AFSC)* – Techniques for integrating ecosystem indicators into stock assessments when processes underlying production have been identified: a case study for the Gulf of Alaska pollock stock
- 2:20-2:40 PM *Melissa Haltuch (University of Washington)* – Climate forcing and fish stock assessment—evaluating statistical power
- 2:40-3:00 PM *John Field (SWFSC)* – The potential utility of predator and food habits information in single species stock assessments

- 3:00-3:20 PM **Break**
- 3:20-3:40 PM *Marti McCracken (PIFSC)* – Analysis of count data from turtle mitigation experiments: a comparative study
- 3:40-4:00 PM *Grant Thompson (AFSC)* – A decision theoretic approach to ecosystem-based fisheries management
- 4:00-4:20 PM *Doug Kinzey (University of Washington)* – Multispecies assessment of three fish species in the Aleutians
- 4:20-4:40 PM *George Watters (SWFSC)* – Conserving protected resources while exploiting their prey—using a predator-prey model to advise harvest policy in the face of substantial ecological uncertainty
- 4:40-5:00 PM *Cara Wilson (SWFSC)* – Environmental satellite data providing a context for assessments
- 5:00-5:20 PM **Ecosystem Discussion**
Moderators – *Michael Schirripa (NWFSC), John Field (SWFSC), and Mary Yoklavich (SWFSC)*
- 5:20 PM **Adjourn**

Wednesday, April 19

Model Session

- 9:00-9:20 AM *Dvora Hart (NEFSC)* – Modeling maturity and natural mortality in semelparous cephalopods
- 9:20-9:40 AM *Jim Murphy (AFSC)* – Analysis of juvenile sockeye salmon CPUE using sequential Gaussian simulation
- 9:40-10:00 AM *Jason Cope (University of Washington)* – Data-limited stock assessment: the science of practical alchemy
- 10:00-10:20 AM *Tomo Eguchi (SWFSC)* – Estimating population growth rate from count data—a simple method for simple data sets
- 10:20-10:40 AM **Break**
- 10:40-11:00 AM *Melissa Snover (PIFSC)* – Application of the Dennis-Holmes population viability assessment model to marine turtle conservation
- 11:00-11:20 AM *David Kaplan (UC Davis)* – Methods for assessments of sustainability in spatial management: evaluating reserve designs
- 11:20-11:40 AM *Alan Seaver (NEFSC)* – Toolbox issues
- 11:40-12:20 PM **Model Discussion: Quantifying Uncertainty**
Moderators – *Doug Vaughan (SEFSC) and Grant Thompson (AFSC)*
- 12:20-1:40 PM **Lunch**

Bioeconomics Joint Session with Economics and Social Science Workshop

- 1:40-2:00 PM *Alan Haynie (AFSC)* – Modeling fishermen’s behavior
- 2:00-2:20 PM *Jim Sanchirico (Resources for the Future)* – Economic analysis of marine reserves
- 2:20-2:40 PM *Mike Prager (SEFSC)* – Intergenerational discounting in fisheries
- 2:40-3:00 PM **Bioeconomics Discussion**
- 3:00-3:20 PM **Break**
- 3:20-5:00 PM **Breakout Sessions**
 Jen Martin (NEFSC) – R interface for toolbox applications
 Others TBD
- 5:00 PM **Adjourn**

Thursday, April 20

- 9:00-9:40 AM **Business Session:** *Richard Methot (HQ/ST)*
- Model Session
- 9:40-10:00 AM *Jon Brodziak (NEFSC)* – Model averaging approaches
- 10:00-10:20 AM *Mike O’Farrell (UC Davis)* – Assessment of sustainability from size structure: application of a new method and maternal effects
- 10:20-10:40 AM **Break**
- 10:40-11:00 AM *Xi He (SWFSC)* – A simulation study on likelihood weighting in age-structured assessment models
- 11:00-11:20 AM *Chris Legault (NEFSC)* – Retrospective problems in age structure models
- 11:20-11:40 AM *Jim Ianelli (AFSC)* – Evaluating uncertainty in statistical multispecies models
- 11:40-12:00 PM *Teresa A’mar (University of Washington)* – The Management Strategy Evaluation approach and the Gulf of Alaska walleye pollock fishery
- 12:00-12:20 PM *Liz Brooks (SEFSC)* – Generalized compensation in stock recruit functions properties and implications for management
- 12:20-1:40 PM **Lunch**
- Management Advice Session
- 1:40-2:00 PM *Richard Pace (NEFSC)* – Protected resources/marine mammal issues
- 2:00-2:20 PM *Enric Cortes (SEFSC)* – Using multiple assessment methods to estimate the status of dusky sharks in the U.S. Atlantic, with comments on management benchmarks for sharks
- 2:20-2:40 PM *Paul Spencer (AFSC)* – The effect of maternal age of spawning on harvest rate reference points for Pacific rockfish

2:40-3:00 PM	<i>Josh Nowlis (SEFSC)</i> – Evaluation of the total allowable catch setting system for North Pacific groundfish
3:00-3:20 PM	Break
3:20-3:40 PM	<i>Jack Turnock (AFSC)</i> – Technical analysis of overfishing definitions for Bering Sea crab stocks
3:40-4:00 PM	<i>Lou Rugolo (AFSC)</i> – Revising the overfishing definitions for Bering Sea crab stocks: choices and obligations in the face of uncertainty for information poor stocks
4:00-4:20 PM	<i>Martin Dorn (AFSC)</i> – Pollock is green! Adventures in MSC certification of walleye pollock
4:20-4:40 PM	<i>Pierre Kleiber (PIFSC)</i> – Confronting misleading, exaggerated, and false information on status of fish stocks, endangered species, and “health” of the marine ecosystem
4:40-5:00 PM	Management Advice Discussion Session Moderators – <i>Jim Nance (SEFSC)</i> and <i>Keith Bigelow (PIFSC)</i>
5:00 PM	Adjourn

NSAW 9 Participant List

Pete Adams (SWFSC)
Teresa A'mar (University of Washington)
Jim Berkson (SEFSC)
Keith Bigelow (PIFSC)
Eric Bjorkstedt (SWFSC)
Loo Botsford (UC Davis)
Jon Brodziak (NEFSC)
Liz Brooks (SEFSC)
Craig Brown (SEFSC)
Russ Brown (NEFSC)
Taylor Chapple (UC Davis)
Jason Cope (University of Washington)
Enric Cortes (SEFSC)
Guillermo Diaz (SEFSC)
EJ Dick (SWFSC)
Gerard Dinardo (PIFSC)
Martin Dorn (AFSC)
Emmanis Dorval (SWFSC)
Tomo Eguchi (SWFSC)
John Field (SWFSC)
Guy Fleischer (NWFSC)
Bill Fox (SWFSC)
Masami Fujiwara (SWFSC)
Churchill Grimes (SWFSC)
Melissa Haltuch (University of Washington)
David Hamm (PIFSC)
Dana Hanselman (AFSC)
Dvora Hart (NEFSC)
Rick Hart (SEFSC)
Xi He (SWFSC)
Tom Helser (NWFSC)
Anne Hollowed (AFSC)
Jim Ianelli (AFSC)
Teresa Ish (UC Santa Cruz)
Jesus Jurado-Molina (AFSC)
David Kaplan (UC Davis)
Meisha Key (CDFG)
Bert Kikkawa (PIFSC)
Doug Kinzey (University of Washington)
Pierre Kleiber (PIFSC)
Chris Legault (NEFSC)
Alec MacCall (SWFSC)
Jen Martin (NEFSC)
Marti McCracken (PIFSC)
Richard Methot (HQ/ST)
Josh Millstein (AFSC)
Liz Moffitt (UC Davis)
Robert Moffitt (PIFSC)
Michael Mohr (SWFSC)
Jim Murphy (AFSC)
Lynne Nakamura (PIFSC)
Jim Nance (SEFSC)
Julie Neer (SEFSC)
Scott Nichols (SEFSC)
Josh Nowlis (SEFSC)
Mike O'Farrell (UC Davis)
Richard Pace (NEFSC)
Mi Ra Park (CDFG)
Michael Parke (PIFSC)
Kevin Piner (SWFSC)
Mike Prager (SEFSC)
Steve Ralston (SWFSC)
Lou Rugolo (AFSC)
Michael Schirripa (NWFSC)
Alan Seaver (NEFSC)
Pete Sheridan (SEFSC)
Kyle Shertzer (SEFSC)
Kalei Shotwell (AFSC)
Kate Siegfried (UC Santa Cruz)
Melissa Snover (PIFSC)
Dave Somerton (AFSC)
Paul Spencer (AFSC)
Andi Stephens (SEFSC)
Ian Stewart (NWFSC/University of Washington)
Diana Stram (AFSC)
Grant Thompson (AFSC)
Jack Turnock (AFSC)
Doug Vaughan (SEFSC)
John Wallace (NWFSC)
George Watters (SWFSC)
Brian Wells
Erik Williams (SEFSC)
Cara Wilson (SWFSC)
Mary Yoklavich (SWFSC)