

Project #: B71

Title:

Integrate economic-ecological models of pollock and cod

Principal Investigator(s) and Recipient Organization(s):

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Contract Period and Amount of Funding:

1 February 2008 to 31 December 2012
\$ 409,126 (UW); 69,500 (AFSC)

Report Period:

1 April 2008 through 30 September 2008

Report Date:

6 October 2008

Lead Author of Report:

Michael Dalton

Proposed timeline and milestones within report period:

- Note: Economics post-doc starts April 2009
- Attended relevant PI and EMC meetings:
 - April 24 FEAST/NPZ meeting
 - April 30 FEAST/LTK economists meeting
 - May 28 FEAST UW miniworkshop
 - July 1 EMC meeting
- Prepared NPRB semi-annual report

Project Summary:

- Develop and embed economic models for pollock and cod to drive commercial fishing in FEAST
- *BSIERP Hypothesis 5: Climate-ocean conditions will change and thus affect the abundance and distribution of commercial and subsistence fisheries*

Progress Summary:

- Reviewed documentation of FEAST model structure
- Attended relevant PI and EMC meetings (see above)

- Draft documentation for bioeconomic FEAST equations

Lessons learned and project adjustments:

N/A

Integration activity:

N/A

Education and Outreach:

N/A

2009-2012 Tasks, Assignments, Timeline

<i>What</i>	<i>Who</i>	<i>Start (2009)</i>	<i>Other key dates</i>
Post-doc hire	PIs (Dalton, Punt, Aydin)	February 2009	Appointment begins April 2009
Code and documentation for economic models	Post-doc	April 2009	Document ready for miniworkshop July 2009
Estimation and testing of economic models	Post-doc	July 2009	Final results by September 2009
Integration of economic models with FEAST	Post-doc	September 2009	Preliminary report on model integration by February 2010
Review FEAST integration and MSE coordination	PIs, Post-doc	February 2010	FEAST data generation for MSE (see B73 objective) March 2010
Economic analysis of FEAST/MSE outcomes	Post-doc	April 2010	Complete economic analysis of outcomes by June 2010
Model Workshop I	PIs, Post-doc		July 2010
Draft publication on model integration	PIs, Post-doc	July 2010	Review by September 2010
Economic scenario development and model implementation	PIs, Post-doc	September 2010	Complete scenario implementation by January 2011
Scenario analysis	Post-doc	January 2011	Draft document due June 2011
Model Workshop II: Review results of scenario analysis	PIs, Post-doc		July 2011
Publication on scenario analysis	PIs, Post-doc	July 2011	Finalized by October 2011