



New England Fishery Management Council

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E.F. "Terry" Stockwell III, *Chairman* | Thomas A. Nies, *Executive Director*

**AGENDA**

**ECOSYSTEM BASED FISHERIES MANAGEMENT  
PLAN DEVELOPMENT TEAM  
SEPTEMBER 14, 2015**

**Carriage House  
Woods Hole Oceanographic Institution/Quisett Campus  
266 Woods Hole Road  
Woods Hole, Ma 02543**

- 9:00 am Introduction and meeting objective ..... (Applegate)
- 9:20 An overview of NEFSC Modeling Initiatives for EBFM; Climate, Ecosystem, and Assessment Panel (CEAP); planning for peer review of Georges Bank ecosystem assessment models in Spring 2017 ..... (Fogarty)
- 9:40 End to end modeling using Atlantis..... (Gamble)
- 10:00 Technical summary of multispecies statistical catch at age models and their application on the NEUS continental shelf .....(Curti)
- 10:20 Application of a multispecies statistical catch at age model assess the productivity and ecosystem reference points for Atlantic menhaden ..... (McNamee)
- 10:40 Break
- 11:00 A habitat model-based method to estimate stock availability to surveys that can be incorporated in stock assessments.....(Manderson)
- 11:20 Indicator Approaches for EBFM on the Northeast Shelf ..... (Smith)
- 11:40 Spatial Processes in the EcoPath with Ecosim Modeling Framework .....(Lucey)
- 12:00 Application of Ecopath and Ecosim models to the Gulf of Maine American lobster ecosystem .....(Zhang)
- 12:20 Lunch
- 1:00 pm Ecosystem production potential of the Northeast U.S. Continental Shelf..... (Fogarty)

1:20	Modeling and Analysis of Lower Trophic Level Dynamics .....(Friedland)
1:40	Application of portfolio analysis for EBFM.....(DePiper)
2:00	Management Strategy Evaluation.....(Gaichas)
2:20	Break
2:40	High resolution climate modeling for EBFM ..... (Saba)
3:00	Empirical dynamical modeling for EBFM ..... (Perretti)
3:20	Modeling climate-mediated distributional shifts ..... (Kleisner)
3:40	Regime shifts on the Northeast U.S. Continental Shelf.....(Morse)
4:00	Application of available ecosystem models to Fishery Ecosystem Plan frameworks; conclusions and recommendations.....(PDT Discussion)
5:00	Adjourn