



# NORTH PACIFIC FISHERY MANAGEMENT COUNCIL

SSC - 02/04/19 - Workshop

February 5, 2019

## SSC Workshop Agenda: Review of ROMS and NPZ models

Feb. 4, 2019 – 1pm-5pm, Cambridge/Oxford room  
Benson Hotel, 309 SW Broadway, Portland, Oregon

### Workshop Introduction

1:00 Workshop Introduction - Anne Hollowed

### A. Bering Sea

1:10 Introduction - Ivonne Ortiz, University of Washington: Framework, status, and simulations of the Bering 10K ROMS and ROMS-BESTNPZ models

1:25 Oceanography - Al Hermann, University of Washington: Ocean and ice dynamics of the Bering 10K model: structure, performance, and uncertainties

1:55 Biology - Kelly Kearney, University of Washington: Biophysical and biogeochemical validation of the Bering 10K-BESTNPZ model

2:25 Applications - Ivonne Ortiz, University of Washington: Examples of Current and planned applications of the Bering 10K ROMS-BESTNPZ model and output

### B. Gulf of Alaska

2:40 GOA IBMs - Georgina Gibson, International Arctic Research Center: An IBM for sablefish: Exploring the connectivity between potential spawning and nursery grounds in the Gulf of Alaska

### C. Background Materials

#### Workshop Attachments and Comment Section

#### Attachments:

[Danielson\\_2011\\_ROMS\\_NEP\\_valiudation](#)

[Gibson\\_et\\_al\\_2018](#)

[Gibson\\_Spitz\\_JMS\\_2011](#)

[Hermann\\_etal\\_2013\\_multivariate\\_analysis\\_ROMS\\_NPZ](#)

[Hermann\\_etal\\_2016\\_Projected\\_biophysical\\_states\\_BS](#)

[Kearney\\_2019\\_BESTNPZ\\_doc\\_20190125](#)

[Ortiz\\_etal\\_2016\\_Field-work-data-and-models](#)

[Hermann\\_final\\_presentation\\_to\\_SSC\\_2019](#)

[bestnpz\\_ssc](#)

[SablefishModeling\\_Gibson\\_2-5-19\\_no\\_movie](#)

[Intro & Applications Bering\\_10k-ROMSNPZ\\_SSC2019](#)