



## Adapting Fisheries Management to a Changing Ecosystem 7th National Scientific Coordination Subcommittee Meeting

August 15-17, Harrigan Centennial Hall, Sitka, Alaska

### Sunday, August 14

4:00 - 6:00 Meet and greet at Best Western to pick up registration materials: apps and no host bar

Download session documents on NPFMCs website: <https://meetings.npfmc.org/Meeting/Details/2945>

### Monday, August 15

Time	Title	Presenter	Council
9:00 - 9:15	Welcome	Anne Hollowed	NPFMC
9:15 - 9:20	Council Address	William Tweit	NPFMC
9:20 - 9:30	AFSC Address	Dr. Bob Foy	NPFMC
9:30 - 9:40	<b>Session 1 How to incorporate ecosystem indicators into the stock assessment process?</b>	Dr. Anne Hollowed	NPFMC
9:40-10:10	<b>Keynote 1</b> <i>Including ecosystem information in assessments and management advice.</i>	Dr. Andre Punt	PFMC/ NPFMC
<i>10:10-10:30 Coffee Break</i>			
10:30-10:50	<b>Case Study 1</b> <i>The collapse of snow crab: what happened and what now?</i>	Dr. Cody Szuwalski	NPFMC
10:50-11:10	<b>Case Study 2</b> <i>Using climate data to improve sablefish assessment model projections</i>	Dr. Melissa Haltuch	PFMC
11:10-11:30	<b>Case Study 3</b> <i>Poor recruitment of reef fishes in the southeast United States Atlantic: preliminary findings and implications for management</i>	Dr. Brendan Runde	SAFMC
11:30-12:00	<b>Keynote 2</b> <i>Using ecosystem information in the stock assessment and advice process</i>	Dr. Sarah Gaichas	MAFMC
<i>12:00- 1:30 Lunch on your own</i>			
1:30- 1:50	<b>Case Study 4</b> <i>Inclusion of ecosystem information in US fish stock assessments: progress toward ecosystem-based fisheries management?</i>	Dr. Kristin Marshall	PFMC
1:50- 2:10	<b>Case Study 5</b> <i>Using nonstationary stock assessment models to diagnose meaningful ecosystem indicators</i>	Dr. Yan Jiao	MAFMC
2:10- 2:30	<b>Case Study 6</b> <i>Accounting for red tide mortality in stock assessments and catch projections</i>	Dr. David Chagaris	GMFMC
2:30-2:50	<b>Case Study 7</b> <i>Integrating ecosystem and climate influences on dynamics of New England stocks into stock assessment</i>	Dr. Lisa Kerr	NEFMC
2:50- 3:10	Coffee Break		
3:10- 4:30	Session 1: Breakouts	Facilitators TBD	
End Session			

# Adapting Fisheries Management to a Changing Ecosystem

## 7th National Scientific Coordination Subcommittee Meeting

August 15-17, 2022, Harrigan Centennial Hall, Sitka, Alaska

Tuesday, August 16

Time	Title	Presenter	Council
9:00 - 9:10	Overview of day and logistics	Dr. Anne Hollowed	NPFMC
9:10 - 9:30	NOAA Fisheries National Science Activities and Updates on SSC-Relevant Topics	Kristan Blackhart	NMFS HQ
9:30 - 9:50	Recap of Breakout 1: Discussion	Facilitators TBD	
9:50-10:00	<b>Session 2 Developing information to support management of interacting species in consideration of EBFM.</b>	Dr. Anne Hollowed	NPFMC
10:00-10:30	<b>Keynote 3</b> <i>Multiple interacting species and the management challenges they pose</i>	Dr. Eva Plaganyi	
<i>10:30-10:50 Coffee Break</i>			
10:50-11:10	<b>Case Study 8</b> <i>Multivariate approaches for EBFM implementation in the U.S. Caribbean</i>	Dr. Juan J Cruz Motta	CFMC
11:10-11:30	<b>Case Study 9</b> <i>Development of harvest control rules for Atlantic herring: an application of MSE to account for herring's role in the ecosystem</i>	Dr. Cate O'Keefe	NEFMC
11:30-11:50	<b>Case Study 10</b> <i>Does ignoring predation mortality lead to an inability to achieve management goals in Alaska?</i>	Grant Adams	NPFMC
<i>11:50- 1:30 Lunch on your own</i>			
1:30- 3:00	<b>Session 2 Breakouts</b>	Facilitators TBD	
<i>3:00- 3:20 Coffee Break</i>			
3:20- 3:30	<b>Session 3 How to assess and develop fishing level recommendations for species exhibiting distributional changes due to climate variability and climate change?</b>	Dr. Anne Hollowed	NPFMC
3:30- 4:00	<b>Keynote 4</b> <i>Perspectives on ways complex ecosystem projections can be applied in real-world fisheries management cases</i>	Dr. Jim Ianelli	NPFMC
4:00- 4:20	<b>Case Study 11</b> <i>Blueline tilefish negotiations between the Mid- and South Atlantic Council SSCs</i>	Dr. Scott Crosson	SAFMC
4:20- 4:40	<b>Case Study 12</b> <i>Toward dynamic harvest allocation rules for shifting species: a case study of three stocks in the Northeast US</i>	Dr. Olaf Jensen	MAFMC
<b>End Session</b>			
6:00 - 8:00	<i>Reception at Sitka Sound Science Center</i>		NPFMC

# Adapting Fisheries Management to a Changing Ecosystem

## 7th National Scientific Coordination Subcommittee Meeting

August 15-17, 2022, Harrigan Centennial Hall, Sitka, Alaska

### Wednesday, August 17

Time	Title	Presenter	Council
9:00- 9:10	Overview of day and logistics	Dr. Anne Hollowed	NPFMC
9:10-10:40	Session 3 Breakout	Facilitators TBD	
<i>10:40-11:00 Coffee Break</i>			
11:00-11:30	Recap of Breakout 2: Discussion	Facilitators TBD	
11:30-11:50	Fisheries Integrated Modeling System	Dr. Christine Stawitz	NMFS HQ
<i>12:00- 1:30 Lunch on your own</i>			
1:30- 2:00	Recap Breakout 3: Discussion	Facilitators TBD	
2:00- 3:00	Summary of key findings	Dr. Anne Hollowed Group Discussion	
<i>3:00- 3:20 Coffee Break</i>			
3:20- 3:40	Wrap-up and next steps	Dr. Anne Hollowed	
End Session			