Cooperative Research: Strategies for integrating industry perspectives and insights in fisheries science

TUESDAY, MAY 7

07:00–08:30 Registration and Breakfast
   Breakfast provided at 07:15, Mid Deck, Hotel Captain Cook

08:30–08:45 Welcome
   S. Bradley Moran, Dean, College of Fisheries and Ocean Sciences, University of Alaska Fairbanks
   Melissa Good, Unalaska Extension Agent, Alaska Sea Grant
   Matthew Baker, North Pacific Research Board; Chair, Wakefield Symposium Steering Committee

08:45–09:15 Invited Speaker
   Daryl Sykes, Chief Operating Officer, NZ Rock Lobster Industry Council
   Collaboration, or Collusion?—the New Zealand Rock Lobster Fisheries Experience

09:30–10:00 Invited Speaker
   Kevin Stokesbury, Professor, School for Marine Science and Technology, UMass Dartmouth
   Danny Ellertson, Captain/Owner Liberty, Nordic Inc.
   “Gonna Change My Way of Thinking…” — Collaborative Research in the New England Scallop and Groundfish Fisheries

10:00–10:20 Break

Session 1 — Industry and Community Engagement

10:20–10:40
   Aubrey Ellertson, Commercial Fisheries Research Foundation
   The Commercial Fisheries Research Foundation: Engaging Fishermen to Support Science

10:40–11:00
   Tommy Sheridan, Sheridan Consulting, Inc., Cordova, Alaska
   Alaska Hatchery Research Project: Collaborative Salmon Fishery Research in Alaska

11:00–11:20
   Keith Criddle, University of Alaska Fairbanks
   The Pollock Conservation Cooperative Research Center (PCCRC): A Successful Model of Industry–University Cooperative Research

11:20–11:40
   Owen Nichols, Center for Coastal Studies
   Community-Based Collaborative Fisheries Research: Successes, Challenges and Management Implications

11:40–12:00
   Courtney Lyons, University of Alaska Fairbanks
   Qualitative Network Modeling and Integration of Socio-Cultural Stakeholder Perspectives

12:00–12:20
   Courtney Lyons, University of Alaska Fairbanks
   Advancing Indigenous Collaborations in Fishery Science and Management

12:20–13:00 Lunch on your own

13:00–13:30 Invited Speaker
   Claus Reerdts Sparrevohn, Chief Science Officer, Danish Pelagic Producers Organization
   Reflections on Industry Engagement in Science and Science Engagement in Industry—Experiences from Europe

13:30–13:50
   Owen Nichols, Center for Coastal Studies
   Addressing Rebounding Marine Mammal Populations through Community Science

13:50–14:10
   Syverine Bentz, University of Alaska Anchorage Kachemak Bay Fisheries Resilience Index: Adapting to Environmental Change through Business Self-Assessments

revised 5/6/2019
Session 2 — Assessments and Surveys

14:10–14:30
Pat Malecha, NOAA Fisheries, Alaska Fisheries Science Center
Cooperative Research on the Alaska Fisheries Science Center’s Longline Survey

14:30–14:50
Thomas Heimann, Commercial Fisheries Research Foundation
Using Industry Collaboration to Improve Black Sea Bass Management

14:50–15:10 Break

15:10–15:30
Matt Siegle, ESSA Technologies
Improving In-Season Acquisition of Sockeye Catch-per-Set Information from Commercial Seine Fisheries

Session 4 — Information Exchange and Directed Research

10:20–10:40
Matthew Baker, North Pacific Research Board
Investments in Cooperative Research with Industry in the North Pacific

10:40–11:00
Mark Chandler, NOAA Fisheries
NOAA Fisheries Cooperative Research Program

11:00–11:20 Schedule change
Cheryl Barnes, University of Alaska Fairbanks
Comparative Resource Use by Two Groundfishes in Nearshore Southeast Alaska

11:20–11:40
Christie Lang, NOAA Fisheries, Alaska Fisheries Science Center
Growth per Molt of EBS Tanner and Snow crab

11:40–12:00
Susanne McDermott, NOAA Alaska Fisheries Science Center
Alaska Fisheries Science Center Tagging Studies: 20 Years of Cooperative Research

End Day 1

WEDNESDAY, MAY 8

07:15–08:30 Breakfast provided
Mid Deck, Hotel Captain Cook

08:30–09:00 Invited Speaker
Scott Goodman, Executive Director, Bering Sea Fisheries Research Foundation

Session 3 — Improving Methods and Reducing Impacts

09:00–09:20
Susan Zagorski, North Pacific Fisheries Research Foundation
Collaboration to Develop a Salmon Excluder for the Pollock Fishery

09:20–09:40
Lauren Wild, University of Alaska Fairbanks
Southeast Alaska Sperm Whale Avoidance Project: A Fifteen-Year Collaboration

09:40–10:00
Michael Long, Commercial Fisheries Research Foundation
Preparing for Offshore Wind—A Collaborative Approach to Environmental Monitoring

10:00–10:20 Break
12:00–13:30 Lunch on your own

**Session 5 — Informing Management**

13:30–13:50
Madison Shipley, University of Washington, Bering Sea Fisheries Research Foundation
Risk Avoidance—MSE Collaboration for Eastern Bering Sea Tanner Crab

13:50–14:10
Linda Shaw, NOAA/National Marine Fisheries Service
Best Management Practices to Minimize Spread of Vessel Biofouling from Multiple Vectors: A Practicality Review and Dialogue

14:10–14:30
Brooke Wright, School for Marine Science & Technology, UMass Dartmouth
Projecting Scallop LPUE in the Northeast US with Fishermen’s Help

14:30–14:50
Cara Rodgveller, National Marine Fisheries Service, Alaska Fisheries Science Center
The Evolution of the Sablefish Fishery Logbook Program in Alaska

14:50–15:10 Break

15:10–16:00 Case Study I and Facilitated Discussion
Robert Foy, Director, Alaska Fisheries Science Center
Scott Goodman, Bering Sea Fisheries Research Foundation
Bering Sea Crab Research: A Case Study on the Results of a Successful Cooperative Research Program

16:00–16:50 Case Study II and Facilitated Discussion
Rob Suryan, Auke Bay Laboratories, Alaska Fisheries Science Center
Robert Alverson, Fishing Vessel Owners’ Association
A Case History of Seabird Bycatch Reduction in Alaskan Longline Fisheries

**Poster Session**

Poster setup 15:00–18:00
Aft Deck, Hotel Captain Cook
Hors d’ouvres & cash bar

18:00–21:00
Tracy Sylvester, Alaska Longline Fishermen’s Association
ALFA’s Fishery Conservation Network

Josep Planas, International Pacific Halibut Commission
Electronic Monitoring Applications in the Directed Pacific Halibut Longline Fishery

Josep Planas, International Pacific Halibut Commission
Using Hydrophones to Reduce Interactions Between Whales and Longline Gear

Matthew Baker, North Pacific Research Board
Collaborative Research on Species Interactions: Salmon Predation on Sand Lance and Herring

Matthew Baker, North Pacific Research Board
Beneath the Surface—Commercial Submersibles to Research Sand and Sand Lance

Gay Sheffield, Alaska Sea Grant
Line Entanglements on Western Arctic Bowhead Whales—Next Steps

Katy Echave, NOAA/NMFS/AFSC/ABL/TSMRI
AFSC Groundfish Tag Program: Cooperative Research by NOAA and Industry

Stan Kotwicki, NOAA Alaska Fisheries Science Center
Observing Fish Response to Trawls

Jacob Argueta and Syverine Bentz, Kachemak Bay National Estuarine Research Reserve
Fish Need Land Too: Science to Stewardship in Salmon Watersheds

Mark Lomeli, Pacific States Marine Fisheries Commission
Collaborative Conservation Engineering Research in Eastern North Pacific Trawl Fisheries

End Day 2
07:15–08:30 Breakfast provided  
*Mid Deck, Hotel Captain Cook*

08:30–09:00 Invited Speaker  
*Robert Foy, Director, Alaska Fisheries Science Center*  
*Cooperative Research at the Alaska Fisheries Science Center: A Requirement for Sustainable Fisheries Management and Protected Resource Conservation*

**Session 5 – Informing Management**  
(continued)

09:00–09:20  
*Alexander Hansell, UMass Dartmouth - School for Marine Science and Technology*  
*I Incorporating Fishermen’s Knowledge into an Index of Abundance for Atlantic Halibut (Hippoglossus hippoglossus) in the Northwest Atlantic*

09:20–09:40  
*Christopher Oliver, Alaska Seafood Cooperative*  
*Reducing Halibut Bycatch Mortality through Industry/Government Cooperative Research*

09:40–10:00  
*Aubrey Ellertson, Commercial Fisheries Research Foundation*  
*Bringing in the Experts: CFRF’s Lobster/Jonah Crab Research Fleet*

10:00–10:20  
*Matthew Seeley, Mid-Atlantic Fishery Management Council*  
*Collaborative Research by the Mid-Atlantic Fishery Management Council*

10:20–10:40 Break

10:40–11:40 Panel Discussion II  
*Successful Approaches and Challenges in Cooperative Research: Aligning Interests and Objectives and Facilitating Engagement*  
*Panel Facilitator:*  
*Matt Robinson, Bristol Bay Economic Development Corporation*  
*Panel Participants:*  
*Robert Alverson, Fishing Vessel Owners’ Association*  
*Robert Foy, NOAA Alaska Fisheries Science Center*  
*Nicole Kimball, Pacific Seafood Processors Association*  
*Rebecca Skinner, Alaska Whitefish Trawlers Association*  
*Claus Reedtz Sparrevoehn, Danish Pelagic Producers Organization*

11:40–12:30  
*Discussion and next steps*

Symposium concludes