Alaska Mariculture Workshop  
Ketchikan, Alaska  
January 21 – 22, 2020

**Workshop Purpose**
Bring together growers, hatcheries, regulators, researchers, funding sources, and policy makers to discuss current issues and identify needs related to three main topics—research, policy/permitting, and access to capital—and how NMFS may facilitate or engage in these topics to help develop mariculture in Alaska and achieve the Mariculture Task Force goal of building a $100 million mariculture industry in 20 years.

**Day 1**

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| 9:30  | **Welcome, Introductions and Agenda Review**  
*Julie Scheurer, NOAA Protected Resources Division*  
*Rich Wilson, Seatone Consulting (Workshop Facilitator)* |
| 10:00 | **Policy and Permitting**  
● Overview of Federal initiatives (Wicker Bill, EOs, Jones Act)  
● Q&A  
*Dave O’Brien - NMFS Office of Aquaculture* |
| 10:45 | **Policy and Permitting (cont.)**  
● Statewide Initiatives, including the establishment of the Mariculture Development Council  
● Q&A  
*Julie Decker, Alaska Fisheries Development Foundations, Mariculture Task Force* |
| 11:30 | **Policy and Permitting (cont.)**  
● DNR/DFG/DEC process overview, challenges, possible solutions, feedback  
● Q&A  
*Brittney Smith, Alaska Department of Natural Resources*  
*Sam Rabung, Alaska Dept. of Fish and Game*  
*Kim Stryker, Alaska Dept. of Environmental Conservation* |
| 12:30 | LUNCH                                                                                           |
| 1:30  | **Policy and Permitting (cont.)**  
● Federal process overview, challenges, solutions, feedback  
● Q&A  
*Julie Scheurer (or Alicia Bishop), NMFS Alaska Region* |
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| 2:00  | **Policy and Permitting (cont.)**  
  ● Tribal/community engagement  
  ● Q&A  
  *Markos Scheer - Sea Grove Kelp*  
  *Ed Douville - Shaan Seet (Craig), MTF* |
| 2:30  | **Interactive Session**  
  ● Alaska Mariculture Mapper demonstration/interactive  
  *Stacey Buckelew - Axiom Data Science*  
  *Carter Newell - University of Maine*  
  ● Ocean Reports demonstration/interactive  
  *James Morris (or Ken Riley) - National Ocean Service* |
| 3:30  | **BREAK**                                                                                              |
| 3:45  | **Access to Capital – Panel Discussion or Q&A**  
  ● Overview of federal loans and grants  
  *Mark Rath - Sea Grant*  
  *Gene Kim - USDA*  
  ● State loan programs  
  *Jim Andersen - Alaska Dept. of Commerce, Community, and Economic Development*  
  ● Private equity  
  *Markos Scheer - Sea Grove Kelp* |
| 4:45  | **Summarize Day 1 Discussion / Preview Day 2**                                                          |
| 5:00  | **Workshop Day 1 Adjourns**                                                                               |

**Day 2**

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<td>8:30</td>
<td><strong>Review Day 1 Outputs and Introduce Day 2 Agenda</strong></td>
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| 8:45  | **Research Priorities**  
  ● MTF list of priorities and progress to date (possible interactive session)  
  *Mike Stekoll - University of Alaska Southeast*  
  and/or  
  *Ginny Eckert - University of Alaska Fairbanks and Alaska Sea Grant* |
| 9:15  | **Framework for Mariculture Research**  
  ● Overview of NOAA Aquaculture and AFSC mariculture research mission  
  *Mike Rust - NOAA Office of Aquaculture*  
  and/or  
  *Bob Foy - Alaska Fisheries Science Center* |
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<td>10:15</td>
<td>BREAK</td>
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| 10:30 | **Framework for Mariculture Research**  
● Academic mariculture research potential (UAF, UAA, UAS, APU)  
*Mike Stekoll* - University of Alaska Southeast  
and/or  
*Ginny Eckert* - University of Alaska Fairbanks and Alaska Sea Grant |
| 11:00 | **Framework for Mariculture Research**  
● Opportunities for collaborative research  
*Bobbi Hudson* - Pacific Shellfish Institute |
| 11:30 | **Framework for Mariculture Research**  
Vision for a Mariculture Research Center (discussion) |
| 12:00 | LUNCH                    |
| 1:00  | **Framework for Mariculture Research**  
● Provide a strategic research plan framework (discussion) |
| 1:30  | **Building Hatchery Capacity in Alaska**  
● Alutiiq Pride Shellfish Hatchery capabilities and structure  
*Jeff Hetrick* - Alutiiq Pride  
● Oceans Alaska capabilities and structure  
*Eric Wyatt* - Oceans Alaska |
| 2:30  | BREAK                    |
| 2:45  | **Building Hatchery Capacity in Alaska (interactive)**  
● Capacity to produce seed in state waters  
*Suggestions?* |
| 4:30  | Workshop Adjourns        |