Maintaining the Viability of Seafood Processing and Harvesting in Coastal Alaska: Role of Marine Extension

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UNIVERSITY OF ALASKA FAIRBANKS
Seafood in Alaska’s Economy

Source: ASMI

- $6.4 billion combined export and U.S. retail value.
- Ranked 3rd in terms of generating basic economic activity in Alaska, behind North Slope Oil and Gas industry and the Federal Government.
- Employs more workers than any other industry sector in Alaska (63,100 direct employment).
- If considered a nation, Alaska would ranked 8th among seafood producing countries in volume.
Alaska Sea Grant Marine Advisory Program
Kodiak Seafood and Marine Science Center

- Fisheries Division
  - Research
  - Teaching
  - Public Outreach

- Alaska Sea Grant Marine Advisory Program

www.sfos.uaf.edu/ksmsc
KSMSC—A Statewide Resource
Research

Seafood Safety
• Safe handling and preservation techniques
• Factors affecting shelf life and microbial spoilage

Seafood Quality
• Capture, handling and processing effects
• Nutritional content

Product Markets and Development
• Novel and enhanced markets for underutilized species
• Adding value through post-processing enhancement
• Full utilization of seafood byproducts
• Technology transfer

Edible fish oils
Teaching: Seafood Science and Business

- Undergraduate 3-credit courses:
  - Introduction to Fisheries Utilization
  - Seafood Business
- Undergraduate Interns
- Graduate Students
Service: Seafood Processing

- Business and marketing workshops and consultations for Alaskan food and seafood processors
- Smoked Salmon School
- Alaska Seafood Processor Leadership Institute
- Better Process Control School
- Seafood Processor Quality Control
- Ammonia Refrigeration
- Hazard Analysis and Critical Control Point
Service: Fishermen

- On-board Refrigeration maintenance
- Alaska Young Fishermen Summit
- Cold water survival and safety training
- Net repair seminars for harvesters
- Vessel Insurance Seminar
- NPFMC Process Seminar
- Vessel maintenance and repair
- Fi$hbiz – Fisheries Financial Management Program
Closing Remarks

• MAP/KSMSC adds value to Alaska’s fisheries and seafood sector through research, technological development, training, education, and outreach services.

• MAP/KSMSC supports capacity development in harvesting, processing, and conservation of the fishery resources.

• MAP/KSMSC engages in collaborative research and outreach activities to enhance the economic viability of the fisheries and seafood sector.
Thank You!