

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

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# Seafood in Alaska's Economy

Source: ASMI

- \$6.4 billion combined export and U.S. retail value.
- Ranked 3<sup>rd</sup> 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 8<sup>th</sup> among seafood producing countries in volume.



# Alaska Sea Grant Marine Advisory Program



# Kodiak Seafood and Marine Science Center



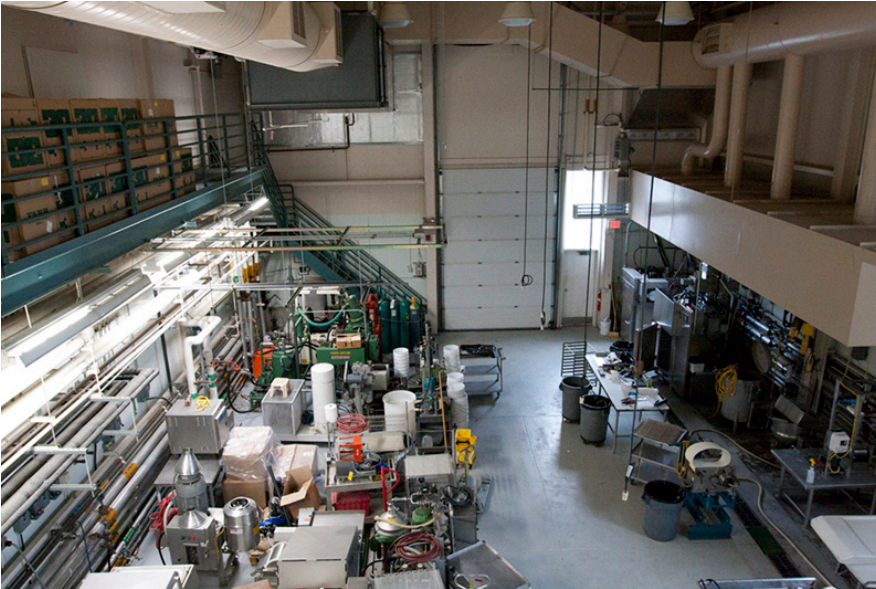
## ◆ Fisheries Division

- *Research*
- *Teaching*
- *Public Outreach*

## ◆ Alaska Sea Grant Marine Advisory Program



# 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!

