



ALASKA

MARICULTURE

ALLIANCE

MISSION:

To develop and support a robust and sustainable mariculture industry for the long-term benefit of Alaska's economy, environment, and communities.

- AMA & AMRTC are successor organizations to the Mariculture Task Force whose Executive Committee became the foundation for AMA's Board of Directors.
- AMA voting members are required to be actively engaged in the Alaska Mariculture Industry.
- Local expertise and perspective are critical in growing this industry; AMA acts as convener.



- State & Local Economies
 - Diversify opportunity in coastal communities
- Food Security & Food Sovereignty
 - Over 90% of food imported to AK
 - Healthy proteins & vegetables w/ no H₂O or fertilizer inputs
 - Grow symbiosis w/ AK Agriculture. Soil enhancer ; Animal feed



- Environment

- In addition to healthy food production w/ minimal inputs, mariculture has halo effect on local ecosystems
 - Umanzor, S and Stephens, T (2023) 'Nitrogen and Carbon Removal Capacity by Farmed Kelp *Alaria marginata* and *Saccharina latissima* Varies by Species', *Aquaculture Journal*, 3, 1-6
 - Anecdotaly from farmers – shrimp habitat in Kodiak
- Green energy/technologies; plastic and fertilizer alternatives



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Current Grant Projects

- Build Back Better Regional Challenge
 - \$49m awarded to Southeast Conference
 - 50% of program impacts targeted to AK Native & underserved rural communities
- Creation of Alaska Mariculture Cluster (EDDs, Alaska Native Groups, Industry, University)
- Mariculture Liaison Program (managed by AMA)



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Current Grant Projects

- Build Back Better Regional Challenge
 - 7 Project Components
 - Mariculture Revolving Loan Fund
 - Governance, Coordination, Outreach
 - Workforce Development
 - R&D
 - Market Development
 - Green Energy
 - Equipment & Technology



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Current Grant Projects

- Mariculture Incentive Grant Program
 - \$5m in funds to help spur local industry growth
 - \$1 to \$1 match
 - 3 award rounds of \$1.5m
 - Micro: \$5k - \$35k Standard: \$35,001 - \$150k



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Connect with us:

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