

NOAA Fisheries Regional Aquaculture Update

Massachusetts Aquaculture Association Annual
Meeting
1/18/2022

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NOAA
FISHERIES

NOAA Aquaculture Program



NOAA Aquaculture Program

NOAA Fisheries

fisheries.noaa.gov

- » policy/regulatory
- » aquaculture outreach
- » science for sound aquaculture development

Sea Grant

seagrant.noaa.gov

- » external grants
- » extension and education for coastal and Great Lakes aquaculture

National Centers for Coastal Ocean Science

coastalscience.noaa.gov

- » spatial planning and siting
- » ecosystem services
- » environmental monitoring and modeling



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NMFS Regional Aquaculture Coordinators

Regional Aquaculture Coordinators

Got questions about aquaculture in your area? Contact one of our regional aquaculture coordinators.

NEW ENGLAND/MID-ATLANTIC

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NEW ENGLAND/MID-ATLANTIC

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Work within NOAA and with partner federal, state, and local agencies, industry, and members of the scientific, academic, and NGO communities on a variety of marine aquaculture issues

POC for aquaculture issues within regional offices

Coordinates with NMFS Science Centers on aquaculture science planning and communications

Leads or participates in NOAA and interagency aquaculture working groups within regions



Recent Regional Aquaculture Activities

- Strategic Aquaculture Planning
- Aquaculture Site Suitability Modeling and Analysis
- Regulatory Coordination and Guidance
- Landings Data Coordination
- Aquaculture Research
- Fisheries Management Council/Commission Coordination
- Engagement with ISSC
- Support for Efficient EFH and ESA Consultations
- Aquaculture Communications
- Grant Programs



NOAA Science for Aquaculture

Research for Management

- Site Suitability Models
- Water Quality/Benthic Impact Models
- Genetic Effects of Escapes
- Ecosystem Services
- Pathogen and Parasite Vectors
- Seafood Safety
- Gear Design and Engineering
- Baseline Environmental Survey
- Protected Resources Risk Assessment Tools

Research for Production

- Feed
- Probiotics
- Algal starters
- Improved production efficiency
- Improved environmental performance
- Automation
- Monitoring
- Genetic Improvements
- Social, Behavioral, and Economic Considerations
- Effects of Ocean Acidification, Changing Ocean Conditions



NOAA Funding Opportunities

Small Business Innovation Research Program (SBIR)

Phase I- Up to \$120,000 to determine the scientific, technical, and commercial merit and feasibility.

Phase II-Up to \$400,000 for R&D or prototype development phase to commercialize a final product.

Phase III- No NOAA fund, oriented towards commercialization of SBIR research or technology

ASMFC Aquaculture Pilot Projects- RFP closes 2/1/2022

\$625,000 in grants yearly to fund marine aquaculture pilot projects focusing on sustainable aquatic farming techniques and regional business practices to grow U.S. domestic seafood.

Saltonstall Kennedy

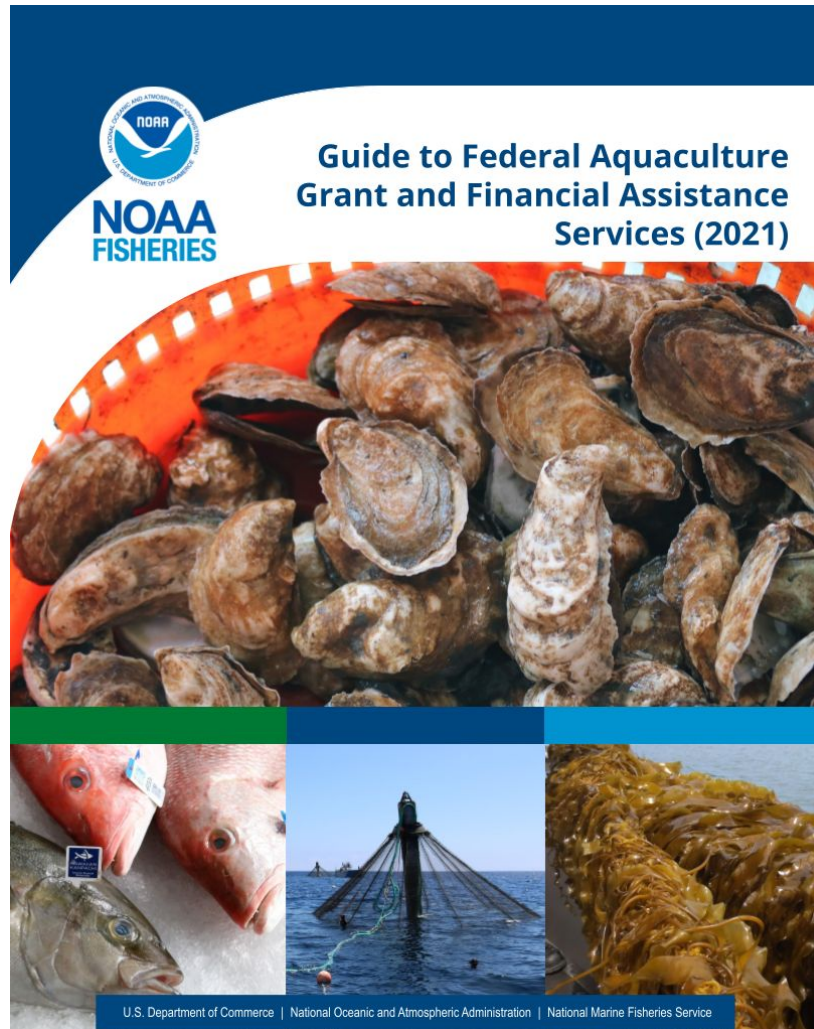
Yearly grant competition which annually funds approximately 40 projects for \$10M that lead to the promotion, development and marketing of U.S. fisheries and aquaculture.

Sea Grant

Sea Grant provides a variety of funding opportunities based on its work in four focus areas: Healthy Coastal Ecosystems, Sustainable Fisheries and Aquaculture, Resilient Coastal Communities and Economies, and Environmental Literacy and Workforce Development. Most funding opportunities require applying through one of the 34 Sea Grant programs.



Guide to Federal Aquaculture Grant and Financial Assistance Services



Thank You



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