

Who's Who in Maine Aquaculture? Understanding the Landscape of Actors, Policy Priorities, and Funding

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APPENDIX A: ORGANIZATIONS INVOLVED IN AQUACULTURE

Organization Name

Aquaculture Research Institute
Bigelow Laboratory
Bowdoin College
Center for Cooperative Aquaculture Research
Coastal Washington County Institute of Technology
Coastal Enterprises Inc.
College of the Atlantic
Darling Marine Center (University of Maine)
Don't Cage our Oceans
Davis Family Foundation
Downeast Innovation Network
Downeast Institute for Applied Marine Research & Education
Downeast Salmon Federation
Educate Maine
Economic Development Administration
Financial Authority of Maine
Frenchman Bay United
Friends of Acadia
Friends of Blue Hill Bay
Friends of Casco Bay
Friends of Eastern Bay
Friends of Frenchman Bay
Schoodic Rising
Friends of Harriet L. Hartley Conservation Area
FocusMaine
Gulf of Maine Research Institute
Hurricane Island Center for Science and Leadership
Maine 4H
Island Institute
Maine Aquaculture Association
Maine Community College System
Maine Aquaculture Innovation Network
Maine Department of Economic and Community Development
Maine Department of Environmental Protection
Maine Department of Marine Resources
Protect Maine's Fishing Heritage
US Army Corps of Engineers
USDA

APPENDIX B: BILLS INCLUDED IN TESTIMONY ANALYSIS

Year	Legis- lative session	LD #	Bill #	Bill name	Status	Aim
2017	128	1438	HP 993	An Act to Improve the Aquaculture Leasing and Licensing Laws	Passed - AM	Advances aquaculture
2017	128	1502	SP 527	An Act to Transfer Responsibility for Licensing of Land-based Aquaculture from DMR to Dept of Agriculture, Conservation and Forestry	Passed	Regulatory clarity
2017	128	1520	HP 1044	An Act to Create an Aquaculture License	Passed - AM	Regulatory clarity
2017	128	369	HP 275	An Act to Establish the Seaweed Fisheries Advisory Council and to Enhance the Management of the Seaweed Fishery	Passed - AM	Regulatory clarity
2019	129	1130	HP 819	An Act to Promote Equity in the Elver Aquaculture Quota	Dead	Limits aquaculture
2019	129	1323	SP 411	An Act to Revise the Laws Regarding the Public Trust in Intertidal Lands	Dead	Regulatory clarity
2019	129	620	HP 448	An Act Regarding Licensing of Land-based Aquaculture Facilities	Dead	Limits aquaculture
2019	129	1148	HP 837	An Act Regarding the Costs Incurred by Municipalities in the Administration of Aquaculture Leases	Dead	Limits aquaculture
2019	129	1420	HP 1033	Resolve, To Establish a Task Force To Study the Current Status and Future Sustainability of Aquaculture in the State	Dead	Neither advances nor limits
2019	129	1725	SP 574	An Act To Create a Minimum Age To Hold a Limited-purpose Aquaculture License	Passed - EM	Regulatory clarity
2019	129	1763	SP 595	An Act To Transfer Responsibility for Licensing of Land-based Aquaculture from the Department of Agriculture, Conservation and Forestry to the Department of Marine Resources	Passed - EM	Regulatory clarity
2020	129	911	SP 265	An Act to Authorize a General Fund Bond Issue to Promote Land Conservation, Working Waterfronts, Water Access, and Outdoor Recreation	Dead	Protects working waterfronts
2020	129	1930	HP 1374	An Act To Amend Maine's Aquaculture Leasing and Licensing Statutes	Dead	Regulatory clarity
2020	129	1906	HP 1360	An Act To Amend the Laws Governing the Composition of the Shellfish Advisory Council	Passed - AM	Regulatory clarity
2020	129	547	SP 169	An Act To Authorize a General Fund Bond Issue To Support Maine Aquaculture	Dead	Advances aquaculture
2021	130	1473	SP 476	An Act To Exempt Land-based Aquaculture Facilities from the Maine Uniform Building and Energy Code Requirements	Dead	Advances aquaculture
2021	130	1211	HP 886	Resolve, To Create the Study Group To Research Balancing Development and Conservation in Maine's Coastal Waters and Submerged Lands - Emergency	Dead	Limits aquaculture
2021	130	1146	HP 824	An Act To Protect Maine's Ocean Waters and Support Regulatory Oversight and the Long-term Health of the Aquaculture Industry	Dead	Limits aquaculture
2021	130	263	HP 184	An Act To Make Technical Changes to Maine's Marine Resources Laws	Passed - AM	Regulatory clarity

Year	Legis- lative session	LD #	Bill #	Bill name	Status	Aim
2021	130	106	HP 72	An Act To Amend Maine's Aquaculture Leasing and Licensing Statutes	Passed - AM	Regulatory clarity
2022	130	1972	HP 1467	An Act To Implement the Recommendations of the Right To Know Advisory Committee Concerning Public Records Exceptions Related to Research and Aquaculture Leases	Passed	Regulatory clarity
2022	130	1844	HP 1365	An Act To Amend Provisions in the Laws Governing Aquaculture Leases	Passed - AM	Limits aquaculture
2023	131	16	HP 20	An Act to Make Technical Changes to Maine's Marine Resources Laws	Passed - AM	Regulatory clarity
2023	131	427	HP 260	An Act to Authorize a General Fund Bond Issue to Invest in Research, Development and Commercialization in Maine's Marine Technology and Aquaculture Sector	TBD	Advances aquaculture
2023	131	508	SP 225	Resolve, Directing the Department of Environmental Protection to Review Regulation of Waste Discharge from Finfish Aquaculture Facilities	Passed - AM	Limits aquaculture
2023	131	581	SP 249	An Act to Assist Municipal Shellfish Conservation Programs	Passed - AM	Regulatory clarity
2023	131	711	HP 480	An Act to Regulate Oyster Seed	Dead	Limits aquaculture
2023	131	586	SP 249	An Act to Protect Maine Fisheries from the Effects of Industrial Recirculating Aquaculture Operations	Dead	Limits aquaculture
2023	131	487	HP 304	An Act to Establish Coastal Waters and Submerged Lands Regional Planning Commissions	Dead	Limits aquaculture
2023	131	1285	SP 522	An Act to Extend Funding for the Land for Maine's Future Program	Passed - AM	Protects working waterfronts
2023	131	1286	SP 523	An Act to Establish the Blue Economy Task Force to Support Maine's Emergence as a Center for Blue Economy Innovation and Opportunity in the 21st Century	Tabled - AM	Advances aquaculture
2023	131	563	SP 234	An Act to Assert State Sovereignty over Ocean Waters up to 12 Nautical Miles off the State's Coast	Dead	Regulatory clarity
2023	131	1776	HP 1139	An Act to Allow Citizen Oversight of Department of Environmental Protection and Department of Marine Resources Actions and Rulemaking	Dead	Limits aquaculture
2023	131	221	HP 142	An Act Regarding Airboat Noise	Passed - AM	Neither advances nor limits
2023	131	574	HP 369	An Act to Amend the Laws Governing Working Waterfront Covenants	Passed - AM	Protects working waterfronts
2023	131	416	SP 197	An Act to Authorize a General Fund Bond Issue for Research and Development and Commercialization	TBD - In Committee	Advances aquaculture
2023	131	1198	HP 758	Resolve, Directing the Commissioner of Economic and Community Development to Convene an Advisory Council to Improve the State's 10-year Economic Development Strategy	Passed - AM	Neither advances nor limits
2023	131	1480	SP 601	An Act to Protect Union Wharf and Sustain Maine's Maritime Industries	TBD - In Committee	Protects working waterfronts
2023	131	1951	SP 794	An Act Regarding Marine Finfish Aquaculture	Passed - AM	Limits aquaculture

APPENDIX C: FUNDING OPPORTUNITIES

Funding Agency	Funding Opportunity/ Priorities/ Program Area	Eligible organizations
NOAA: Maine Sea Grant	Biennial Program Development	Researchers Researchers, farmers, supporting businesses, or NGOs
Maine Sea Grant + University of Maine, MTI, MCF, MAIC, Bangor Savings Bank	Buoy Maine	Farmers, supporting businesses
NOAA: National Sea Grant	Social, Behavioral, and Economic Research Needs in Aquaculture	Individuals, public or private corporations, state agency, tribal government or agency
	Exploring New Aquaculture Opportunities	Sea Grant entities
	Advanced Aquaculture Collaborative Programs	Sea Grant entities
	Sea Grant National Aquaculture Initiative	Individuals, public or private corporations, state agency, tribal government or agency
	Aquaculture Supplemental Funding	
	Early Stage Propagation Strategies for Aquaculture Species	Sea Grant entities
	Marine Finfish Aquaculture: Juvenile Production Technologies	Sea Grant entities
	Advanced Aquaculture Collaboratives (Hubs): Continued Support Competition	Available only to Sea Grant programs that received an award from the "Advanced Aquaculture Collaborative Programs (Hubs)" competition in 2019.
NOAA Fisheries	Saltonstall-Kennedy Grant Program	Non-federal corporation, partnership, association, NGO, tribal entities
	Atlantic States Marine Fisheries Commission: Regional Pilot Projects in Support of Sustainable Aquaculture	Farmers, supporting businesses, research institutions, NGOs, tribal entities, state agencies
USDA: Sustainable Agriculture Research & Education	Farmer Grant Program	Farmers
	Research & Education Grant Program	NGOs, research institutions, supporting businesses, tribal entities, municipalities, farmers
	Research for Novel Approaches in Sustainable Agriculture Grant Program	NGOs, research institutions, supporting businesses, tribal entities, municipalities, farmers
	Partnership Grant Program	NGOs, research institutions, supporting businesses, tribal entities

Funding Agency	Funding Opportunity/ Priorities/ Program Area	Eligible organizations
USDA	Small Business Innovation Research Program and Small Business Technology Transfer (SBIR/STTR) Phase I & Phase II	Farmer, supporting businesses
	Special Research Grants Program	"State agricultural experiment stations, all colleges and universities, other research institutions and organizations, Federal agencies, private organizations or corporations, and individuals for the purpose of conducting research, extension, or education activities to facilitate or expand promising breakthroughs in areas of the food and agricultural sciences of importance to the United States."
	Beginning Farmer and Rancher Development Program	Network made up of farmers/ growers, supporting businesses, NGOs, tribal entities, research institutions
	Agriculture and Food Research Initiative: Foundational and Applied Science Program	
	Agriculture and Food Research Initiative: Sustainable Agricultural Systems	Research institutions/ academia
Maine Department of Agriculture, Conservation and Forestry	Agricultural Development Grant	Public agencies, farmers, supporting businesses, NGOs, research institutions
Maine Technology Institute	Cluster Initiative Program	Organizations that represent partners, including private businesses, industry trade groups and/or research institutions.
	MTAF 2.0	Maine businesses (including farmers, supporting businesses)
	MTAF 2.5	Maine businesses that did not receive MTAF 2.0 funding (including farmers, supporting businesses)
	Awardee	Maine businesses (including farmers, supporting businesses)
	Pandemic Recovery for an Innovative Maine Economy (PRIME) Fund	Maine businesses (including farmers, supporting businesses)
FocusMaine	Propel Aquaculture Mini Grants	Farmers/ supporting businesses