

# Coastal and Marine

Coastal and Marine

## V(A). Planned Program (Summary)

### 1. Name of the Planned Program

Coastal and Marine

## V(B). Program Knowledge Area(s)

### 1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
112	Watershed Protection and Management	25%		25%	
134	Outdoor Recreation	15%		15%	
135	Aquatic and Terrestrial Wildlife	13%		13%	
307	Animal Management Systems	12%		12%	
608	Community Resource Planning and Development	35%		35%	
	<b>Total</b>	100%		100%	

## V(C). Planned Program (Inputs)

### 1. Actual amount of professional FTE/SYs expended this Program

Year: 2008	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	3.6	0.0	0.4	0.0
<b>Actual</b>	3.1	0.0	0.5	0.0

### 2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c 0	1890 Extension 0	Hatch 0	Evans-Allen 0
1862 Matching 0	1890 Matching 0	1862 Matching 0	1890 Matching 0
1862 All Other 521928	1890 All Other 0	1862 All Other 0	1890 All Other 0

**V(D). Planned Program (Activity)**

**1. Brief description of the Activity**

•An Acoustic Deterrent To Predation By Eider Ducks On A Longline Mussel Farm •Applied Research in Fisheries and Aquaculture •Beach Profile Monitoring Program •Coastal Access Forums •Coastal and Marine Public Presentation •Community Development Related (publication) •Foresight Planning for the Maine Aquaculture Industry •General Activities in support of Coastal & Marine Work •Maine Healthy Beaches Consultation •Maine Healthy Beaches Education and Outreach •Maine Healthy Beaches Field Training •Maine Healthy Beaches Presentations/forum •Maine Healthy Beaches Website •Marine Education in Classrooms •Marine Related (publication) •Marine Related (refereed journal article) •Northeast Aquaculture Conference and Expo •Porphyra Culture Demonstration Project

**2. Brief description of the target audience**

•4-H Volunteers (Adult) •Agency Staff or Professionals (Adult) •Coastal Land Owners (Adult) •Commercial Fishing Industry Members (Adult) •Commercial Aquaculturalists (Adult) •Commercial Fishing Industry Organization Members (Adult) •Community Leaders (Adult) •Community Members (Adult) •Farmers (Adult) •General Public (Adult) •General Public (Youth) •Municipal Officials (Adult) •Natural Resource Professional (Adult) •Scientists (Adult) •Student (Adult) •Students (Youth) •Teachers (Adult) •Volunteers (Adult) •Volunteers (Youth) •Youth (Youth)

**V(E). Planned Program (Outputs)**

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	1070	50250	100	0
2008	2339	16542	324	31

**2. Number of Patent Applications Submitted (Standard Research Output)**

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2008:	0

**Patents listed**

**3. Publications (Standard General Output Measure)**

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>	0	0	
2008	0	0	0

**V(F). State Defined Outputs**

**Output Target**

**Output #1**

**Output Measure**

Direct - Applied Research

*Not reporting on this Output in this Annual Report*

**Output #2**

**Output Measure**

Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2008	5	0

**Output #3**

**Output Measure**

Direct - Conference or symposium

*Not reporting on this Output in this Annual Report*

**Output #4**

**Output Measure**

Direct - Consultation; phone, written, in-person

*Not reporting on this Output in this Annual Report*

**Output #5**

**Output Measure**

Direct - Experiential Learning

*Not reporting on this Output in this Annual Report*

**Output #6**

**Output Measure**

Direct - Public Presentation

*Not reporting on this Output in this Annual Report*

**Output #7**

**Output Measure**

Direct - Volunteer Training

*Not reporting on this Output in this Annual Report*

**Output #8**

**Output Measure**

Direct - Workshop - single session

*Not reporting on this Output in this Annual Report*

**Output #9**

**Output Measure**

Indirect - Applied Research

Year	Target	Actual
2008	2	12

**Output #10**

**Output Measure**

Indirect - Publication - fact sheet

*Not reporting on this Output in this Annual Report*

**Output #11**

**Output Measure**

Indirect - Website

*Not reporting on this Output in this Annual Report*

**Output #12**

**Output Measure**

Direct - Conference/Symposium

Year	Target	Actual
2008	{No Data Entered}	0

**Output #13****Output Measure**

Direct - Consultation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	307

**Output #14****Output Measure**

Direct - Educational Programs or Projects

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	29

**Output #15****Output Measure**

Direct - Scholarship

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	10

**Output #16****Output Measure**

Direct - Train the Trainer or Volunteer Training

*Not reporting on this Output in this Annual Report***Output #17****Output Measure**

Indirect - Media and Internet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	101

**Output #18****Output Measure**

Indirect - Professional, Peer-reviewed, or Refereed, Scholarship

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	6

**Output #19****Output Measure**

Indirect - Publication in the Popular Media

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	126

**Output #20****Output Measure**

Multiple-undefined delivery method

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	16

**V(G). State Defined Outcomes**

O No.	Outcome Name
1	Describe fisheries management practices that are environmentally and socially sound and lead to long-term economic viability
2	Describe how to balance ecological, social and economic needs
3	Describe resources available from, and services provided by, natural resource professionals
4	Describe the effects of individual and cumulative decisions and actions on local and global ecosystems
5	Describe the process involved in affecting change in public policy
6	Describe water and land interaction, and related water-quality issues
7	Adopt appropriate practices
8	Adopt practices that maintain long-term productivity
9	Conduct community service or outreach
10	Create and sustain effective partnerships and collaborations
11	Identify and remediate pollution sources
12	Increase levels of community participation and decision making
13	Make better decision regarding natural resource management
14	Make better decisions using science and technology skills
15	Manage community resources
16	Promote community responsibility and action
17	Promote municipal responsibility and action
18	Promote personal responsibility and action
19	Use relevant UMCE web-based resources
20	Demonstrate how to assess and manage marine resources
21	Demonstrate how to collect and analyze data
22	Demonstrate how to identify invasive species
23	Demonstrate how to keep good records
24	Demonstrate how to locate Extension web-based resources
25	Demonstrate how to locate scientific information
26	Demonstrate how to use science process skills
27	Describe integrated farming system strategies.
28	Develop environmentally sound technologies and practices
29	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
30	Enhance the safety, sustainability and dependability of Maine's food supply.
31	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
32	Protect and enhance Maine's natural resources and environment through sustainable.
33	Adopt appropriate management strategies
34	Collect information and communicate results
35	Adopt practices that maintain long-term productivity Demonstrate how to assess and manage marine resources Adopt appropriate management strategies

**Outcome #1**

**1. Outcome Measures**

*Not reporting on this Outcome for this Annual Report*

**2. Associated Institution Types**

**3a. Outcome Type:**

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
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**3c. Qualitative Outcome or Impact Statement**

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**V(H). Planned Program (External Factors)**

**External factors which affected outcomes**

Natural Disasters (drought, weather extremes, etc.)

Economy

Appropriations changes

Public Policy changes

Government Regulations

Competing Public priorities

Competing Programmatic Challenges

Populations changes (immigration, new cultural groupings, etc.)

**Brief Explanation**

**V(I). Planned Program (Evaluation Studies and Data Collection)**

**1. Evaluation Studies Planned**

Retrospective (post program)

Before-After (before and after program)

Time series (multiple points before and after program)

**Evaluation Results**

**Key Items of Evaluation**