

# 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: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	4.4	0.0	0.8	0.0
<b>Actual</b>	3.9	0.0	0.8	0.0

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
33016	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
564238	0	0	0

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

### 1. Brief description of the Activity

•Academic Assessment with the Georges River Case Study •Applied Research in Fisheries and Aquaculture •Assessment of Marine Invasive Species •Beach Profile Monitoring Program •Coastal Access Forums •Cobscook Bay Fishermen's Association •Fisheries Outreach Education •Maine Beaches Conference •Maine Healthy Beaches Consultation •Maine Healthy Beaches Education and Outreach •Maine Healthy Beaches Education and Outreach •Maine Healthy Beaches Field Training •Maine Healthy Beaches Presentations/forum •Maine Healthy Beaches Website •Maine Scallop Advisory Council •Marine Education in Classrooms •Northeast Farmed Fish Health Management Workshop •Washington County Community College Waterfront Management Committee

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

•4-H Community or Project Clubs Participants (Youth) •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) •Community Members (Youth) •Extension - all staff (Adult) •General Public (Adult) •General Public (Youth) •Municipal Officials (Adult) •Natural Resource Professional (Adult) •Radio Program Audience (Adult) •Scientists (Adult) •Student (Adult) •Students (Youth) •Teachers (Adult) •Veterinarians (Adult) •Volunteers (Adult) •Working Waterfront Industry Owners (Adult) •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>	820	50150	30	0
2007	4731	118505	216	302

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

**Patent Applications Submitted**

**Year Target**

**Plan: 0**

2007: 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>			
2007	1	0	0

**V(F). State Defined Outputs****Output Target****Output #1****Output Measure**

Direct - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	10

**Output #2****Output Measure**

Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	23

**Output #3****Output Measure**

Direct - Conference or symposium

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	7

**Output #4****Output Measure**

Direct - Consultation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	200	530

**Output #5****Output Measure**

Direct - Experiential Learning

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	32

**Output #6****Output Measure**

Direct - Public Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	23	25

**Output #7****Output Measure**

Direct - Volunteer Training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	60	173

**Output #8****Output Measure**

Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	53

**Output #9****Output Measure**

Indirect - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	13

**Output #10****Output Measure**

Indirect - Publication - fact sheet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	1563

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**Output #11**

**Output Measure**

Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	4386

**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	Assess community needs
10	Collect information and communicate results
11	Conduct community service or outreach
12	Create and sustain effective partnerships and collaborations
13	Design projects or experiments to answer questions
14	Identify and remediate pollution sources
15	Increase levels of community participation and decision making
16	Make better decision regarding natural resource management
17	Make better decisions using science and technology skills
18	Manage community resources
19	Promote community responsibility and action
20	Promote municipal responsibility and action
21	Promote personal responsibility and action
22	Use relevant UMCE web-based resources
23	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture
24	Enhance the safety, sustainability, and dependability of Maine's food supply.
25	Increase the economic and social viability and sustainability of Maine communities.
26	Protect and enhance Maine's natural resources and environment through sustainable stewardship.
27	Demonstrate how to assess and manage marine resources
28	Demonstrate how to collect and analyze data
29	Demonstrate how to identify invasive species
30	Demonstrate how to keep good records
31	Demonstrate how to locate Extension web-based resources
32	Demonstrate how to locate scientific information
33	Demonstrate how to use science process skills
34	Develop environmentally sound technologies and practices
35	Describe integrated farming system strategies
36	Identify and remedied pollution sources Increase levels of community participation and decision making Promote municipal responsibility and action

**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**

Government Regulations

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

**Brief Explanation**

Like other states, the population of coastal Maine has increased. This change has implications for coastal communities and their traditional way of life. The Marine Extension Team has responded by involvement with many partners around the state to focus on access for commercial fishermen, aquaculturists, and recreational users to craft solutions the challenge.

Changing government regulations direct how seafood is produced in the U.S., in the. We have worked with the seafood harvest, farming, and culture industries to respond to regulatory changes with research projects such a development and testing of new trawl nets that allow fishermen to successfully target one species over another.

**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**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}