

# Environmental Education - Sustainable Living

Environmental Education - Sustainable Living

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

### 1. Name of the Planned Program

Environmental Education - Sustainable Living

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

### 1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
111	Conservation and Efficient Use of Water	10%		10%	
112	Watershed Protection and Management	10%		10%	
123	Management and Sustainability of Forest Resources	10%		10%	
134	Outdoor Recreation	10%		10%	
135	Aquatic and Terrestrial Wildlife	5%		5%	
136	Conservation of Biological Diversity	5%		5%	
403	Waste Disposal, Recycling, and Reuse	15%		15%	
703	Nutrition Education and Behavior	5%		5%	
724	Healthy Lifestyle	15%		15%	
801	Individual and Family Resource Management	15%		15%	
	<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>	3.3	0.0	0.1	0.0
<b>Actual</b>	3.6	0.0	0.1	0.0

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

Extension		Research	
<b>Smith-Lever 3b &amp; 3c</b> 57928	<b>1890 Extension</b> 0	<b>Hatch</b> 0	<b>Evans-Allen</b> 0
<b>1862 Matching</b> 448160	<b>1890 Matching</b> 0	<b>1862 Matching</b> 0	<b>1890 Matching</b> 0
<b>1862 All Other</b> 56929	<b>1890 All Other</b> 0	<b>1862 All Other</b> 0	<b>1890 All Other</b> 0

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

**1. Brief description of the Activity**

•4-H Day School Programs at Camp •4-H Earth Connections - Conducted on School Grounds •4-H Earth Connections - Overnight School Programs •4-H Earth Connections Summer Residential Camp •Earth Connections Demonstrations at Tanglewood and Blueberry Cove Camps •EE-SL programs and activities •Environmental Education - Sustainable Living Related Publications (refereed journal article) •Geographic Information Systems Community Mapping Project for Schools •Tanglewood Board of Directors •Tanglewood Day Camp •Tanglewood Discovery Trips •Vaughn Island 4-H Camp

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

•4-H Special Interest or Short-Term Program Participants (Youth) •Community Members (Youth) •Community Organization Members or Staff (Adult) •Extension - all staff (Adult) •General Public (Adult) •School Enrichment Program Participants (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>	705	250	4566	0
2007	106	0	2823	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	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 - Volunteer Training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	0

**Output #2**

**Output Measure**

Direct - Train-the-Trainer

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	0

**Output #3**

**Output Measure**

Direct - 4-H Overnight Camp

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	35	34

**Output #4**

**Output Measure**

Direct - 4-H Day Camp

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	71	45

**Output #5**

**Output Measure**

Direct - Public Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10	0

**Output #6**

**Output Measure**

Direct - Demonstration Project

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	25	6

**Output #7**

**Output Measure**

Direct - Management teams

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	15	25

**Output #8**

**Output Measure**

Direct - 4-H School Enrichment

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	15	21

**Output #9**

**Output Measure**

Direct - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	0

**Output #10**

**Output Measure**

Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10	7

**Output #11**

**Output Measure**

Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	0

**Output #12**

**Output Measure**

Indirect - Publication - refereed journal article

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	1

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

O No.	Outcome Name
1	Develop skills that promote healthy relationships
2	Increase use of Maine-produced natural resources
3	Make better decision regarding natural resource management
4	Make better decisions regarding healthy lifestyle
5	Organize community coalitions and working groups
6	Promote healthy relationships
7	Protect or conserve biodiversity and habitat including native plant and animal species
8	Use new technologies
9	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
10	Protect and enhance Maine's natural resources and environment through sustainable stewardship.
11	Demonstrate basic facilitation skills
12	Demonstrate effective practices in leadership roles
13	Demonstrate effective relationship skills
14	Demonstrate healthy lifestyle choices
15	Demonstrate how to assess the impact of your lifestyle
16	Demonstrate how to identify native flora and fauna.
17	Demonstrate how to identify non-native invasive species
18	Demonstrate how to use technology
19	Demonstrate sustainable living principles and practices
20	Describe aspirations to contribute to ecological health and biodiversity
21	Describe community service and outreach opportunities
22	Describe ecological principles
23	Describe effective group work and leadership
24	Describe forest ecosystem processes
25	Describe freshwater ecosystem processes
26	Describe healthy lifestyle choices
27	Describe how to integrate regular physical activity into daily lives in a variety of ways
28	Describe management strategies for forest ecosystems
29	Describe management strategies for freshwater ecosystems
30	Describe management strategies for marine ecosystems
31	Describe marine ecosystem processes
32	Describe resources available from, and services provided by, natural resource professionals
33	Describe self as part of the web of life
34	Describe styles of leadership and their appropriate application
35	Describe sustainable living principles and practices
36	Describe the ecosystems where they live
37	Describe the elements of effective group work
38	Describe the laws of ecology
39	Describe the principles of biodiversity and the form and function of ecosystems
40	Describe ways to observe, explore, and experience nature
41	Develop an action plan or results planning document
42	Adopt appropriate practices
43	Adopt environmentally sound practices
44	Adopt lower impact lifestyles
45	Conduct community service or outreach
46	Create and sustain effective partnerships and collaborations
47	Create demonstration model
48	Create learning opportunities based on principles of positive human development
49	Develop a sense of belonging to a community
50	Develop environmentally sound technologies and practices
51	Support and mentor others in leadership roles
52	Use services of natural resource professionals
53	Demonstrate leadership skills
54	Adopt appropriate practices Adopt environmentally sound practices Adopt lower impact lifestyles Develop environmentally sound technologies and practices



**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.)

Public Policy changes

Government Regulations

**Brief Explanation**

The realities of global climate change and human population growth have necessitated an integrated approach to living. Environmental education and sustainable living practices are being incorporated into a broad spectrum of UMaine Extension educational programs.

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

**1. Evaluation Studies Planned**

Before-After (before and after program)

During (during program)

**Evaluation Results**

**Key Items of Evaluation**