

# Sea Grant: Water Protection and Management

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

### 1. Name of the Planned Program

Sea Grant: Water Protection and Management

## 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	100%			
	<b>Total</b>	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>	3.0	0.0	0.0	0.0
<b>Actual</b>	3.0	0.0	0.0	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 59616	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching 59616	1890 Matching	1862 Matching	1890 Matching
	0	0	0
1862 All Other 139968	1890 All Other	1862 All Other	1890 All Other
	0	0	0

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

### 1. Brief description of the Activity

We will work with officials and residents on programs and policies that lead to: a) more effective watershed management, b) stormwater and non-point source pollution mitigation, c) enhancement of local basins, d) sustainability of fish and wildlife populations and the ecosystems they reside in and e) awareness, prevention and control of aquatic invasive species. These activities that will promote adoption of watershed-friendly management practices by individuals, watershed councils, governments and non-governmental organizations. Dedicated effort to involve youth in educational programs leading to change in behavior and application of appropriate practices. Work with the Invasive Species Council will be used to assess the effectiveness of programming in increasing awareness, preventing, controlling and eliminating invasive species.

### 2. Brief description of the target audience

Watershed council members, educators, watershed-affiliated agencies, landowners, watershed recreationists, and other interested groups or individuals through leadership development, community involvement

**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>	500	1500	0	0
2007	676	1600	460	0

**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	32	0	0

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

**Output Target**

**Output #1**

**Output Measure**

Number of Educational Classes to be Conducted

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10	14

**Output #2**

**Output Measure**

Number of Workshops to be Conducted

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

**Output #3**

**Output Measure**

Number of Group Discussions to be Conducted

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

**Output #4**

**Output Measure**

Number of Demonstrations to be Conducted

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	2

**Output #5**

**Output Measure**

Number of Newsletters to be Published

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	3

**Output #6**

**Output Measure**

Number of Web Sites to be Developed and Maintained

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

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

<b>O No.</b>	<b>Outcome Name</b>
1	Number of local program/policy changes leading to improved watershed health, invasive species management, or enhancement of local basins.
2	Watershed-friendly practices employed by individuals, watershed councils, governments and NGOs adopted as a result of OSU programming.
3	Number of youth participating in educational programming and watershed-friendly projects.
4	% increase in reporting of invasive species as a result of OSU programming.

**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

**Brief Explanation**

In the fall of 2007 OSU Extension's new on-line planning and reporting system (SOARS) was fully implemented. While this is a positive step forward, there are still some inconsistencies between SOARS and the AREERA State Plan of Work Information System. In the next year, an extra effort will be made to bring these two systems into closer alignment for improved quality in the planning and reporting process.

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

**1. Evaluation Studies Planned**

Retrospective (post program)

Before-After (before and after program)

During (during program)

Case Study

Other (Focus Groups)

**Evaluation Results**

1. Focus group generated data was the first step in the development of a public education and action campaign to promote awareness and behavior change related to invasive species.
2. Participants involved in education efforts about streambank stabilization showed an increased knowledge of erosion processes and stabilization methods that they put to use.

**Key Items of Evaluation**