

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

**Program # 9**

**1. Name of the Planned Program**

Environmental Conservation for Wildlife

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

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
135	Aquatic and Terrestrial Wildlife	100%	0%	0%	0%
	<b>Total</b>	100%	0%	0%	0%

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

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

Year: 2010	Extension		Research	
	1862	1890	1862	1890
Plan	4.0	0.0	0.0	0.0
Actual	4.0	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	1890 Extension	Hatch	Evans-Allen
151510	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
151510	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
33401	0	0	0

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

1. Brief description of the Activity

Master Naturalist educational programs were conducted for adults and Jr. Master Naturalists was conducted for youth. Master Wildlife programs were also conducted; some conducted as part of the online course for teachers. Agents also wrote news articles pertaining to nuisance wildlife. Agents feature newsletters pertaining to cogongrass on webpages and answer questions through Facebook. In addition, agents conducted pond clinics and programs to educate landowners/managers and Aquatic

Pesticide Applicators about the most up to date control recommendations for aquatic weed management.

A Clemson Extension Specialist is a southern US partner for maintaining the national web-based clearinghouse Internet Center for Wildlife Damage Management (<http://icwdm.org>). Landowners have established recommended food plots for deer and turkey.

## 2. Brief description of the target audience

State, local government and civic leaders, business owners, developers, home and garden clubs, area homeowners, wildlife specialists, state and federal biologists and administrators, potential volunteers, farm and forest owners, landowners/homeowners, Nuisance Wildlife Control Operators, natural resource professionals, Aquatic Pesticide Applicators, general public, farmers, ranchers, poultry and swine producers, foresters, urban, suburban and rural residents, urban planners and managers, concerned citizens, land owners/managers, agency personnel, citizens of South Carolina, Extension agents, youth, municipal officials, and local community groups statewide, children in school, after-school, summer and 4-H, programs, Extension administrators, and support staff.

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

#### 1. Standard output measures

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
<b>Plan</b>	3000	1000	0	0
<b>Actual</b>	7618	164427	0	0

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

##### Patent Applications Submitted

Year: 2010  
 Plan: 0  
 Actual: 0

##### Patents listed

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

##### Number of Peer Reviewed Publications

2010	Extension	Research	Total
<b>Plan</b>	0	0	
<b>Actual</b>	0	0	0

### V(F). State Defined Outputs

#### Output Target

**Output #1**

**Output Measure**

- Number of people completing educational workshops

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2010	3000	4593

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

**V. State Defined Outcomes Table of Content**

O. No.	OUTCOME NAME
1	Number of people reporting knowledge gained

## **Outcome #1**

### **1. Outcome Measures**

Number of people reporting knowledge gained

### **2. Associated Institution Types**

- 1862 Extension

### **3a. Outcome Type:**

Change in Action Outcome Measure

### **3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2010	2500	4377

### **3c. Qualitative Outcome or Impact Statement**

#### **Issue (Who cares and Why)**

This program will promote the use of Best Management Practices of natural resources to improve natural resource conservation. As landscapes become more urban it is important to educate citizens of the natural world, so that they are more inclined to protect the special places that are important to the state and its tourism industry. As state resources become more limited, it is also important to look to other sources of labor to help maintain the natural spaces and help run environmental education programs. The South Carolina Master Naturalist Program aims to address both of these issues. The formation of a statewide corps of volunteers providing education, outreach and service dedicated to the beneficial management of natural resources and natural areas within communities is one aim of the program.

#### **What has been done**

The 12-week Master Naturalist course in cooperation with the State Parks Service, SC Department of Natural Resources and countless other non-profit organizations was delivered to persons throughout the state.

The majority (over 72%) of wildlife habitat in SC is owned by private landowners. In total, 113 wildlife and naturalists programs were conducted reaching 4,593 persons.

#### **Results**

Eighty-three previously trained and new volunteers reported Master Wildlife and Master Naturalist activities. Volunteers contributed 4,500 hours of service, which at \$20 per hour is a \$90,000 value of program support. The courses had a major impact on improving lands for wildlife and other natural resources. Graduate volunteers have developed a Junior Naturalist Program.

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife

#### V(H). Planned Program (External Factors)

##### External factors which affected outcomes

- Economy
- Government Regulations
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

##### Brief Explanation

As state resources become more limited it is important to look to other sources of labor to help maintain the natural spaces and help run environmental education programs. The SC Master Naturalist Program addresses this issue.

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

##### 1. Evaluation Studies Planned

- After Only (post program)
- Retrospective (post program)
- Before-After (before and after program)
- During (during program)

##### Evaluation Results

Of the 4,593 persons participating in Environmental Conservation for Wildlife educational programs, 95% reported a gain in knowledge.

##### Key Items of Evaluation