

V(A). Planned Program (Summary)**Program # 8****1. Name of the Planned Program**

Climate Change

 Reporting on this Program**V(B). Program Knowledge Area(s)**

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
101	Appraisal of Soil Resources	6%		4%	
102	Soil, Plant, Water, Nutrient Relationships	6%		7%	
104	Protect Soil from Harmful Effects of Natural Elements	0%		4%	
122	Management and Control of Forest and Range Fires	0%		2%	
123	Management and Sustainability of Forest Resources	11%		0%	
131	Alternative Uses of Land	0%		1%	
132	Weather and Climate	0%		22%	
136	Conservation of Biological Diversity	0%		8%	
141	Air Resource Protection and Management	23%		1%	
201	Plant Genome, Genetics, and Genetic Mechanisms	0%		1%	
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants	9%		4%	
206	Basic Plant Biology	0%		4%	
213	Weeds Affecting Plants	0%		1%	
306	Environmental Stress in Animals	0%		4%	
307	Animal Management Systems	23%		0%	
605	Natural Resource and Environmental Economics	0%		18%	
608	Community Resource Planning and Development	22%		0%	
609	Economic Theory and Methods	0%		5%	
610	Domestic Policy Analysis	0%		4%	
803	Sociological and Technological Change Affecting Individuals, Families, and Communities	0%		10%	
	Total	100%		100%	

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2012	Extension		Research	
	1862	1890	1862	1890
Plan	0.6	0.0	9.0	0.0
Actual Paid Professional	0.9	0.0	7.9	0.0
Actual Volunteer	0.0	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
1104	0	146054	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
1104	0	146054	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
338263	0	5235655	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

UC ANR's integrated research and extension activities will conduct research projects, workshops, education classes and demonstrations, as well as one-on-one interventions. In addition, the programs will use newsletters, mass media, web sites and collaborations with other agencies and organizations to create and deliver programs.

2. Brief description of the target audience

- Members of the public in general
- Lawmakers working on issues relating to climate change
- Agricultural producers
- Natural resource managers
- Relevant agency and private-sector partners (including city-county and regional planners, nonprofits, government, and business people
- Interdisciplinary teams of scientists and technologists

3. How was eXtension used?

UC ANR academics used eXtension to participate in and contribute to many Communities of Practice, to answer "Ask an Expert" questions, and for other networking purposes.

V(E). Planned Program (Outputs)

1. Standard output measures

2012	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	6434	0	0	0

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

Patent Applications Submitted

Year: 2012

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2012	Extension	Research	Total
Actual	0	19	19

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Classes/Short Courses Conducted

Year	Actual
2012	0

Output #2

Output Measure

- Workshops Conducted

Year	Actual
2012	0

Output #3

Output Measure

- Demonstrations and Field Days Conducted

Year	Actual
2012	0

Output #4

Output Measure

- Newsletters Produced

Year	Actual
2012	0

Output #5

Output Measure

- Web Sites Created or Updated

Year	Actual
2012	0

Output #6

Output Measure

- Research Projects Conducted

Year	Actual
2012	16

Output #7

Output Measure

- Videos, Slide Sets and Other AV or Digital Media Educational Products Created

Year	Actual
2012	0

Output #8

Output Measure

- Manuals and Other Printed Instructional Materials Produced

Year	Actual
2012	0

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Percentage of vineyard and rangeland owner/operators and managers, and Pest Control Advisers, participating in climate change education programs, gaining knowledge on carbon sequestration

Outcome #1

1. Outcome Measures

Percentage of vineyard and rangeland owner/operators and managers, and Pest Control Advisers, participating in climate change education programs, gaining knowledge on carbon sequestration

Not Reporting on this Outcome Measure

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

{No Data Entered}

V(I). Planned Program (Evaluation Studies)

Evaluation Results

The Report Overview's federal Planned Program summary of accomplishments describes the significant research developments. No extension clientele outcomes measured through evaluation studies were captured during FY 2012.

Key Items of Evaluation

The Report Overview's federal Planned Program summary of accomplishments and the State Defined Outcomes section highlight ANR's most significant research developments during FY 2012.