

Our Environment and Home & Urban Landscapes

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Our Environment and Home & Urban Landscapes

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
104	Protect Soil from Harmful Effects of Natural Elements	10%			
111	Conservation and Efficient Use of Water	20%			
112	Watershed Protection and Management	15%			
123	Management and Sustainability of Forest Resources	5%			
133	Pollution Prevention and Mitigation	10%			
135	Aquatic and Terrestrial Wildlife	15%			
216	Integrated Pest Management Systems	5%			
403	Waste Disposal, Recycling, and Reuse	5%			
605	Natural Resource and Environmental Economics	15%			
Total		100%			

V(C). Planned Program (Inputs)

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

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	1.2	0.0	0.0	0.0
Actual	1.3	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 55248	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

This year curriculum was developed for use with middle and high school age groups. These same curriculum effort developed versions of the matter for use with seniors and other adult groups in workshops. Curriculum training for agricultural professionals from Guam Cooperative Extension, Guam Department of Agriculture, and Sanctuary Inc. were conducted to increase the teaching capacity to deliver curriculum. Guam Elderly at senior centers were surveyed on their topics of interest in these areas to help prioritize the curriculum development. Two field days for school groups were held at the on campus demonstrations. University 4-H personnel are now able to deliver trainings since the adoption of the curriculum at three middle schools. A series of outreach extension publications on environmental conservation practices for the yard and herb production have been developed for review. Planning meetings between the cooperating agencies (mayors offices, senior centers, Guam Public Health, Guam EPA and Guam Department of Agriculture and UOG CES) were held to identify priorities to shape educational programs.

2. Brief description of the target audience

School aged children and youth in all grades interested in ways to protect the environment in our homes and yards. Teachers are another key audience, they utilize our extension publications to enhance their science curriculum. Guam's Elderly at senior centers are also interested in ways to increase the productivity of their yards. The adult audience comprises traditional extension homeowner clients wanting more information on appropriate methods of gardening and yard for our island context.

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	50	2000	30	500
2008	154	3000	528	150

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

Patent Applications Submitted

Year	Target
Plan:	0
2008:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	0	0	
2008	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of extension articles

Year	Target	Actual
2008	4	2

Output #2

Output Measure

Number of workshops

Year	Target	Actual
2008	2	7

Output #3

Output Measure

Number of brochures

Year	Target	Actual
2008	2	5

Output #4

Output Measure

Number of requests for research results and new technology and information

Year	Target	Actual
2008	2	22

Output #5

Output Measure

Number of one to one intervention

Year	Target	Actual
2008	5	6

Output #6

Output Measure

Number of popular articles

Year	Target	Actual
2008	2	2

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of participants gaining awareness of environmental issues
2	Number of Government officials become educated on aspects of the environment
3	Number of contractors learning environmental friendly methods to reduce the impact of development on the environment.
4	Number of schools to introduce an environmental curriculum to their students.
5	Percent decrease in erosion of sediment into the streams, improving the health of Guam's reefs.

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

Competing Public priorities

Other (Personnel changes.)

Brief Explanation

Outcome #3 and #5: The faculty who planned to measure erosion and sedimentation in the rivers and work with Guam contractors retired. No CES faculty or staff plan to work on these issues. These outcomes have been adjusted accordingly beginning with the 2010 plan of work.

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

1. Evaluation Studies Planned

Evaluation Results

Key Items of Evaluation