

Natural Resource Stewardship

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Natural Resource Stewardship

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	20%		20%	
122	Management and Control of Forest and Range Fires	15%		15%	
123	Management and Sustainability of Forest Resources	15%		15%	
131	Alternative Uses of Land	10%		10%	
134	Outdoor Recreation	10%		10%	
605	Natural Resource and Environmental Economics	10%		10%	
608	Community Resource Planning and Development	10%		10%	
Total		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
Plan	3.0	0.0	1.0	0.0
Actual	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 104363	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching 104363	1890 Matching	1862 Matching	1890 Matching
	0	0	0
1862 All Other 407789	1890 All Other	1862 All Other	1890 All Other
	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Develop integrated and/or multi-state projects concerning natural resources stewardship goals within the University of Alaska Fairbanks and with other land grant institutions.

Develop criteria to broadly define the temporal natural resource interests of stakeholders so the program’s activities address the needs of those Alaskans most directly impacted by specific natural resource matters.

Develop partnerships with government agencies to identify and address stakeholder needs.

Regularly assess stakeholder needs and emerging natural resources issues impacting stakeholders.

Conduct literature reviews and review contemporary research relevant to this program.

Develop culturally and educationally relevant Extension publications (including fact sheets, bulletins, and newsletters) that provide unbiased, scientific information about natural resource issues.

Develop, review, and revise a web site to be the electronic portal for UAF Extension information on natural resources stewardship matters of concern to stakeholders.

Develop, plan, deliver, evaluate and revise as needed extension workshops, demonstrations and basic skill trainings.

Facilitated discussions and other meetings that address stakeholder needs in or near their communities.

Develop, conduct and review 4-H projects related to the natural resource stewardship program

Develop, plan, conduct, evaluate and revise as needed young adult stakeholder workforce readiness trainings that prepare youth for entry-level positions in natural resource management, use and/or protection jobs.

Develop, deliver, facilitate and evaluate natural resource stewardship informational discussions with non-stakeholder majority urban populations to increase their awareness of natural resource issues and the values and needs of stakeholders relative to natural resource use, management and protection.

Coordinate and assist the UAF School of Natural Resources and Agricultural Sciences and other units of the University of Alaska in recruiting and graduating young Alaskans with endorsements, certificates and degrees that result in careers in managing, using and protecting natural resources.

2. Brief description of the target audience

Stakeholders directly impacted by contemporary natural resource issues related to forest resources, mining resources, water resources and rural communities.

Rural Alaskans.

Young adults from rural Alaska wanting entry level skills need for employment in natural Resources businesses, agencies or organizations.

Alaska youth aged 9–18 interested in natural resources.

Interested Alaskans not directly affected by contemporary natural resource issues related to forest resources, mining resources, water resources and rural communities.

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	200	500	225	675
2007	417	681	315	840

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**

	Extension	Research	Total
Plan			
2007	11	0	11

V(F). State Defined Outputs**Output Target****Output #1****Output Measure**

Output 1: Develop formal partnerships with other land grant institutions, government agencies, stakeholder groups and credible, research based non government organizations that provide stakeholders with research based extension education on natural resource issues that impact stakeholders.

Year	Target	Actual
2007	5	1

Output #2**Output Measure**

Output 2: Develop and deliver public issues education workshops for stakeholders on locally relevant natural resources issues that impact stakeholders.

Year	Target	Actual
2007	5	13

Output #3**Output Measure**

Output 3: Develop informal partnerships with land grant institutions, government agencies, stakeholder groups and credible, research-based non-government organizations to deliver posters, power-point presentations, and graphic based presentations on local natural resource issues that impact stakeholders.

Year	Target	Actual
2007	4	7

Output #4**Output Measure**

Output 4: Develop, review, and revise a web site to be the electronic portal for UAF Extension information on natural resources stewardship matters of concern to stakeholders

Year	Target	Actual
2007	1	1

Output #5**Output Measure**

Output 5: Develop new multi-state relationships with other land grant institutions to identify natural resource issues that impact stakeholders.

Year	Target	Actual
2007	1	3

Output #6**Output Measure**

Output 6: Develop integrated research-extension activities with University of Alaska Fairbanks faculty and faculty at other land grant institutions that provide information resources related to natural resource issues impacting stakeholders.

Year	Target	Actual
2007	1	1

Output #7**Output Measure**

Output 7: Conduct at least two formal needs assessments per year of natural resource stakeholder groups

Year	Target	Actual
2007	2	0

V(G). State Defined Outcomes

O No.	Outcome Name
1	Outcome 1: As a result of participating in a workforce skill training projects for young adults from rural Alaska using a natural resource stewardship context, participants will obtain employment in the natural resource field.
2	Outcome 2: By working with UAF School of Natural Resources, College of Rural and Community Development and other University of Alaska units the number of young Alaskans recruited and trained in natural resource fields will result in an increase in the number of students who earn occupational endorsements and certificates in natural resource fields.
3	Outcome 3: Work with UAF School of Natural Resources, College of Rural and Community Development and other University of Alaska will increase the number of rural Alaskans who graduate with undergraduate degrees in natural resource fields.
4	Outcome target 4: Youth who participate in 4-H youth development natural resource stewardship projects will gain natural resource career job skills.

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

Other (plan of work development issues/Change in CES administration)

Brief Explanation

The biggest factor affecting outcomes in 2007 was the lack of communication that occurred the prior year between the former CES administration and faculty regarding last-minute revisions made to the Plan of Work at the administration level just prior to submission. Presumably the previous administration had a plan to see these goals implemented and met; however, a sudden radical change in the top administration in early 2007 left many questions unanswered and rewritten plan of work goals left in the dark minus direct faculty involvement in their formation. The next plan of work update will have to consider whether these particular outcome measure can be effectively demonstrated or whether they should be significantly revised to reflect current capacity and efforts.

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)

Comparisons between program participants (individuals, group, organizations) and non-participants

Comparison between locales where the program operates and sites without program intervention

Evaluation Results

The Natural Resource and Community Development program is new and faculty and staff are identifying ways to target needs and evaluate the success of new initiatives.

Key Items of Evaluation