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#### **WEAKNESSES:**

Discuss the weaknesses of your department or program. These are generally internal factors and can include things like lack of faculty in needed areas or insufficient student interest.

The main weakness of the ENVI Certificate is the annual low graduation numbers and low enrollment into the Certificate program. The PAIR data shows three graduates between 2015 and 2019 in spite of the high number of students who have participated in ENVI classes in the past 5 years (Table1). Another weakness it that Bristol Bay Campus has suffered from staff and administrative turn-around these past few years (there has been three Directors), and has not able to fill some key positions in Student Services and in regional learning centers. This often makes setting up remote classes and contacting students about opportunities difficult.

Since the ENVI program is supported primarily on grant funding (USDA and NSF TCUP), and only receives UAF administrative support, this makes ENVI highly vulnerable to being cut due to funding if grants are not secured. Further recent high turnover of Directors and student support staff – the current UAF employees often do not understand what the ENVI program does making it difficult recruit and advise students.

Another weakness is the limited time that the few CRCD science

#### OPPORTUNITIES:

Discuss the opportunities available to your department or program. These generally refer to outside factors and can include things like workforce demand or external funding sources.

## THREATS:

Discuss the threats to your department or program. These generally refer to outside factors and can include things like external competition or reduced funding.

PAIR data from 2015 to 2019 show low enrolling 994 and 5974 and 59

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Table 1. Environmental Studies Classes offered from 2015 to 2019

YEAR	Semester	Total classes	1 credit	2 credit	3 credit	Total by year
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	Spring	18	15	1	2	
	Summer	6	5	1		Total $2019 = 32$
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2017	Fall	15	12	2	1	
	Spring	15	11	3	1	
	Summer	1	1			Total 2017 = 31
2016	Fall	15	12	1	2	
	Spring	19	15	2	2	
	Summer	4	3	1		Total 2016 = 38
2015	Fall	6	4		2	
	Spring	16	15	1		
	Summer	1	1			Total $2015 = 23$
<b>TOTALS</b>		161	130	16	15	

Table 2. The total ENVI headcount (duplicated) for the years 2015 to 2019, with a mean of 341.6 taking students per year.

#### **Appendix II**

#### Student Oral and Posters Presentations from 2015 to 2019

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Poster: Leilani Luhrs. Traditional Knowledge and Changing Climate in Togiak. NSF TCUPTQ4,rch

#### **Appendix III**

#### Introduction to the Bristol Bay and Aleutian and Pribilof Islands Service Area

Rural Alaska communities depend on healthy ecosystems to support their culture and subsistence way of life. UAF BBC Environmental Studies Certificate is a place-based educational program that aims to improve technical knowledge and skills necessary to allow students to take an active role in the management of their rural community. This program is housed at the Bristol Bay Campus in Dillingham in southwest Alaska and serves southwest Alaska including the recently add regions of the Aleutian and



907-474-7143 907-474-5824 fax www.uaf.edu/rural

P.O. Box 756500, Fairbanks, Alaska 99775-6500

#### Environmental Studies Teach out Plan

If the Board of Regents decision is to eliminate the Environmental Studies Certificate, the program will provide one year of instruction for its teach out plan. Faculty will be retained over fiscal year 21 and offer current Certificate required courses in fall 2020 and spring 2021. During this time the program will also be exploring options for restructure and repackaging of courses.

Sincerely,

Bryan Uher MPA Acting Dean College of Rural and Community Development

Degree Program Name	Environmental Studies Certificate
PROGRAM DEMOGRAPHICS	
FY19 Majors	9
FY19 Graduates	0
FY19 SCH from degree program	430 SCH
FY19 UGF allocated to the program	\$139,818
FY19 total program budget	\$173,748
UGF/Major or SCH I	\$325/SCH
STAFFING	
Tenure-track FTE faculty impacted by program deletion	1
Non-tenure track FTE faculty impacted by program deletion	0
staff impacted by program deletion	0
for each of these describe reduction phase-in during	
teachout	reduction after one year
PROGRAM IMPACTS	
Potential for the program to obtain external funding	Program is currenty 55% supported by external funds
Impacts on meeting state or workforce n	t
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P.O. Box 757500 Fairbanks, Alaska 99775-7500 907-474-7112 uaf.chancellor@alaska.edu www.uaf.edu/chancellor/

March 23, 2020

TO James R. Johnsen, President, University of Alaska

FROM Daniel M. White, Chancellor, University of Alaska Fairbanks

RE UAF Expedited Academic Review

In

10.06.10.C.2, UAF followed the following process for expedited, exceptional Program Review eline are

incl <a href="https://uaf.edu/assessment-review/expedited-review.php">https://uaf.edu/assessment-review/expedited-review.php</a>).

The effort began last October and we are now nearing the final stages of the process. Remaining steps are as follows with this step constituting step number 1, below:

1. Monday, March 23 by 5pm - Chancellor recommendations will be sent to the UA

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UAF Expedited Program Review Page 2

edges of our mission, and reducing footprint. And we will continue to identify what work we can simply stop doing.

## I concur with

except in the following where I have recommended a different path:

- 1. <u>Atmospheric science</u> delete with opportunities for students in existing departments in similar areas (e.g., physics, chemistry, engineering) including possible alternative appointments at UAF for research intensive faculty
- 2. BA Earth Science delete
- 3.



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P.O. Box 756500, Fairbanks, Alaska 99775-6500

DATE: November 8, 2019

TO: Expended Program Review Committee

FROM: Bryan Uher, Acting Dean, CRCD

RE: Environment Studies

The Environmental Studies (ENVI) program was developed and is administered by the Bristol Bay Campus in Dillingham, Alaska. The program is supported and was created under a USDA Alaska Native/ Native Hawaiian Serving Institution grant, which is still being awarded today.

The program has had a great impact on the Bristol Bay region, and though enrollments and completions has been traditionally low, the program is considering expansion. Program Faculty have plans to submit an NSF grant to support duel credit offerings to school districts across the region, along with working in collaboration with the UAA geography department. Apart from these actions, Environment Studies will be working towards offering courses across all of CRCD campus regions.

I feel that the program should be continued and supported to follow through with their plans for expansion. Originally the program focused mostly on the Bristol Bay region, but with the actions mentioned above, Environmental Studies is looking to grow to other regions within CRCD and the state, increasing enrollment and completions.

If you have any questions or would like to d(e)4(pT206.17 q0.0u n 792 re 4000 qh t)-(he)4(UA)4(A)-7(g)10(e)4



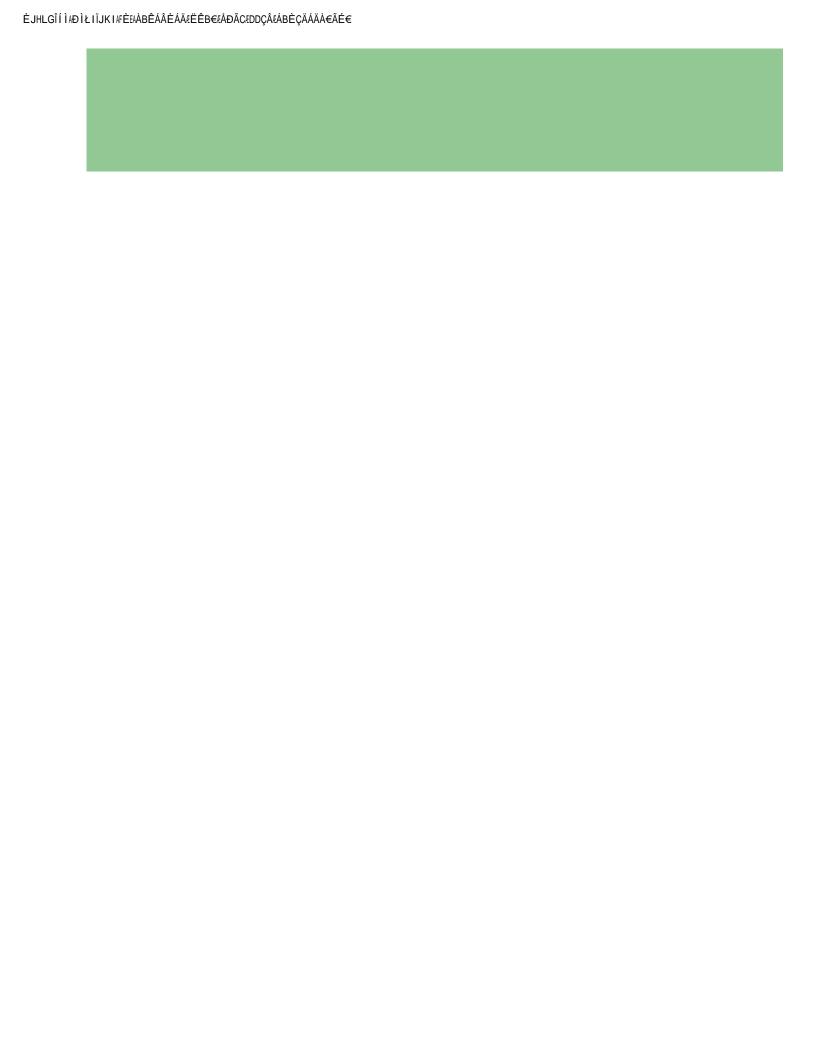
						years
Salary and						,
Benefits						
Commodities						
Contractual						
Travel						
Fiscal Year Totals	\$119,571.63	\$155,845.72	\$98,225.63	\$125,419.67	\$123,794.11	\$622,856.76

PROGRAM REVIEW 2014-15	



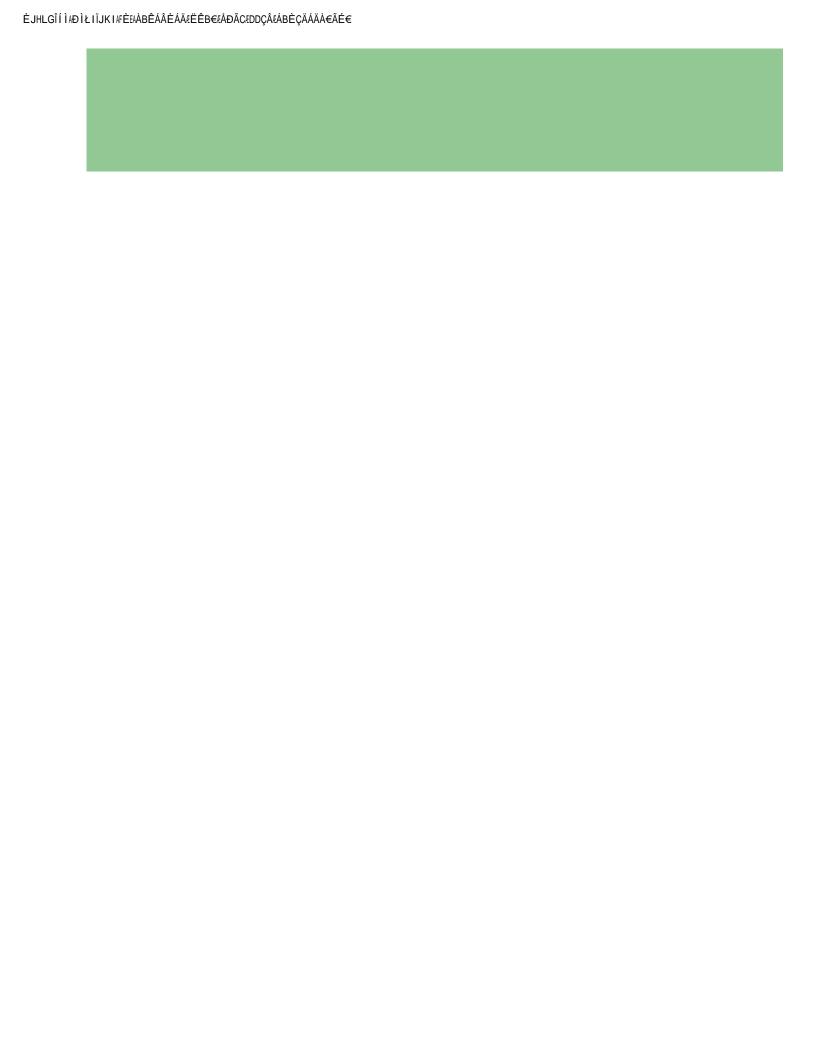
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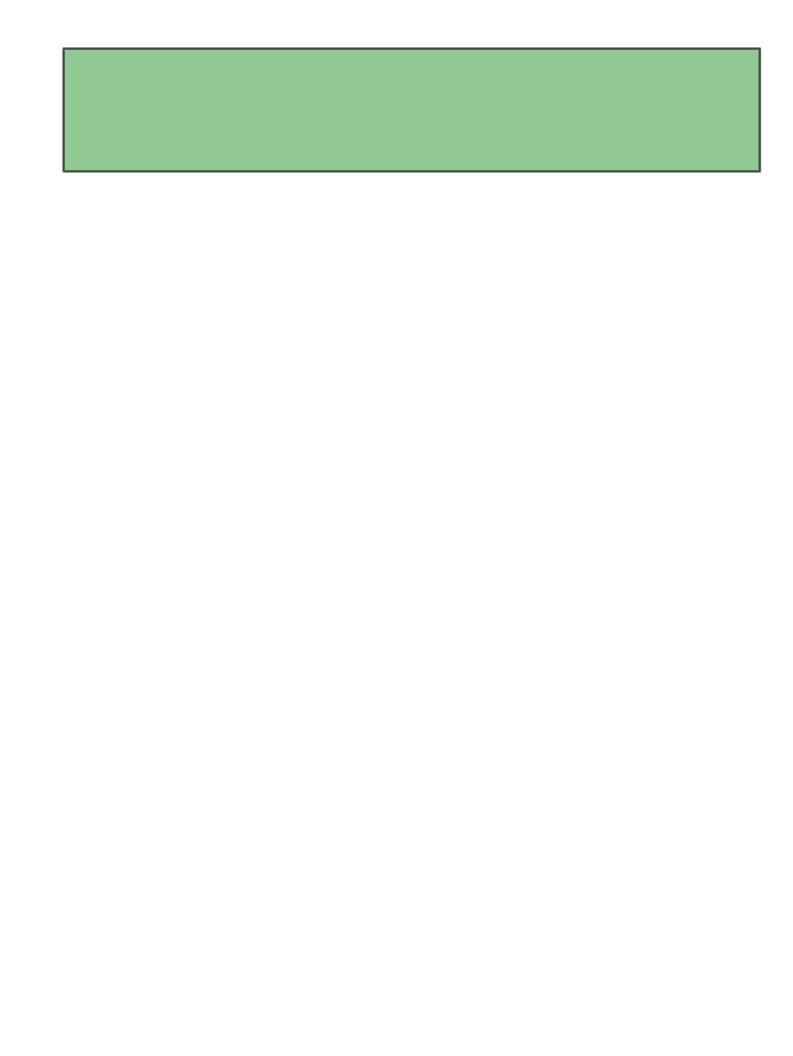


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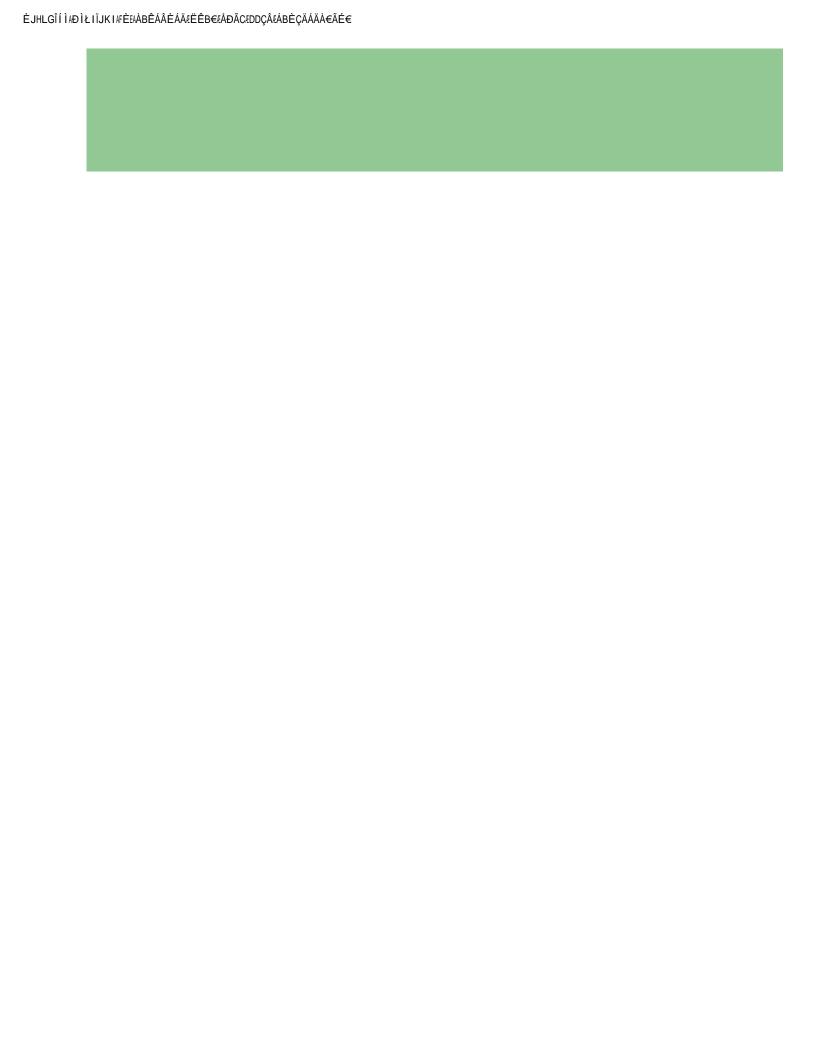
PROGRAM REVIEW 2014-15	











PROGRAM REVIEW 2014-15	

#### **Current Outcome Assessment Plan for Environmental Studies**

Expanded Statement of
Institutional Purpose Object

Intended Objectives/Outcomes Assessment Criteria and Procedures

Implementation (what, when, who)

MISSION STATEMENT: The Environmental Studies Certificate (ENVI) at UAF's College of Rural &

- Reflective and open to feedback from others
- Motivated to work with others on projects

# Eager to learn from others General Conceptual Understanding of Environmental Science

- Dedicated to being a "lifelong student"

Willingness to involve other students in independent research projects

Cooperative behavior indicated in internships or job performance.



Submitted by: Todd Radenbaugh Contact Information: taradenbaugh@alaska.edu Date: 16 May-2014

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4. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

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		Rating
Academic Performance - Accumulated student GPA in core courses and electives	A Grade Point Average of 'C' (2.0) or above in ENVI Certificate courses (Rating scale: C=1, B=2, A=3)	2.5
Directed Individual Project (Capstone Project)     Learn the basic scientific reporting methods and research skills necessary to analyze, interpret, and document field and laboratory data.	Satisfactorily completed environmental science investigation (Directed Individual Study - ENVI 265) involving literature search, data collection, analysis and reporting.	2.5
Academic Involvement  • Participation above and beyond academic course work	Actively debates topics in environmental science during class or community events  Presents oral or poster presentations at academic conferences or meetings  Participate in environmental science internships.	3

#### Cooperative Learning

- Reflective and open to feedback from others
- Motivated to work with others on projects
- Eager to learn from others

Complete projects with other students Willingness to involve other students in independent research

projects Cooperative behavior indicated in internships or job performance. o ftck o fck fen

#### COMMITTEE RECOMMENDATION FOR ENVIRONMENTAL STUDIES

#### STRENGTHS:

There has been a major expansion of the program into Aleutian and Pribilofs. The program has added 3 occupational Endorsements (Rural Waste Management and Spill Response, Sustainable Energy and Rural Water Quality Tech). Largely funded by external organizations and grants.

Se r . ty s s k n which leads to student engagement.

Students are civic minded and involved with environmental community issues.

#### WEAKNESSES:

Low graduation numbers and enrollments in the certificate program.

Staff turn over, which leads to instability and vulnerability.

Reliance on grant funding makes the program vulnerable to cuts.

There are few CRCD science faculty.

There is more interest in Occupational Endorsement than the Certificate due to Math and WRTG requirements.

#### OPPORTUNITIES:

Partnerships with economic development, regional, state and federal organizations. Working with school districts and offering dual credit courses.

Collaborative work with UAFs RAP program and UAAs Geography Environment & Society Program.

Ak Department of Labor and WFD projects environmental jobs to be on the increase.

#### THREATS:

Online education presents challenges in terms of illustructor access, computer literacy, and limitations on technology.

UAFs current education model does not always align with non traditional and rural students' educational desires.

search projects.

Cooperation with professional societies such as the Alaska Forum on the Environment.

COST EFFECTIVENESS:

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Most of the funding is through USDA NIFA Alaska Consortium grant, NSF TCUP Grant

# SWOT ANALYSIS (Environmental Studies Certificate- ENVI)

#### **WEAKNESSES:**

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