



ENVI 150- Viewpoints in Environmental Science: 2021 Alaska Forum on the Environment



A course for participants of Alaska Forum on the Environment

February 9 – April 27, 2021

Instructor: Asst. Professor Eric Goddard

Information Available at AFE

UAF, Bristol Bay Campus, Virtual Exhibit Booth

ENVI 150: Viewpoints in Environmental Science
2021 Alaska Forum on the Environment
 University of Alaska Fairbanks Bristol Bay Campus

Course Syllabus

Term:	Spring 2021
Course Title:	Viewpoints on Alaskan Environmental Issues: Alaska Forum on the Environment
Dept. & Num:	ENVI 150: Section BD1, CRN 37701
Credits:	1
Grading	Pass/Fail
Prerequisites:	none
Dates:	February 9 – April 27, 2021
Days - times:	Tuesdays, weekly 12:00 – 1:00 pm (subject to change by the instructor)
Location:	Virtual, distance delivery

Instructor:	Assistant Professor, Eric Goddard
Position:	Faculty
Phone:	907-843-2233
Email:	Esgoddard01@alaska.edu
Office Hours	Available during the dates the course is offered and by appointment.

Text:	AFE Conference Proceedings- http://akforum.com/
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Course Description

This course is for students attending the Alaska Forum on the Environment, which is being held virtually this year due to COVID-19 restrictions. The course introduces the many ways science and public policy is presented within and across disciplines. It also demonstrates how environmental research conducted across Alaska is being communicated to the public. Students will interact with regional scientists and policy makers through a virtual format according to the AFE session schedule. Students may attend sessions of their choosing for the duration of the class as set by this syllabus.

Session Requirements

Students must attend no less than 14 hours of sessions and log them as described in their journal entry (see attached: Journal – AFE Session Entry Form, page 5). Students may also attended past session recordings just as long as they receive proper validation of attendance as described in the *Journal Requirements* section of this syllabus (Pg. 3).

Goals

To introduce how environmental studies and policy issues are presented at a statewide public conference. Students will participate in keynote presentations, science and policy sessions, and conference discussions. The course encourages student to ask questions and interact with regional environmental scientists, industry representatives, educators, government personnel, and policy makers from across Alaska.

Meeting Times

Meeting time for the class starts on Feb. 9, 2021 from 12-1. However, the course schedule is determined through the student's choice of sessions and time requirement of attendance thereof as described in this syllabus (see *Session Requirements, Pg. 1*). However, a weekly Zoom conference call will be scheduled on Tuesdays from 12 -1 pm (subject to change and announced by the instructor) to discuss any items necessary to aid in course completion and/or discuss topics of interest presented in the sessions.

Instructional Methods

- Attend AFE sessions, lectures, and keynote presentations
- Ask speakers questions
- Participate in session discussions
- Complete required readings of conference proceedings

Learning Objectives

Upon completion of this course, the student will be able to:

- Demonstrate the ability to understand the basis of interdisciplinary science and how data is collected and presented in a conference setting.
- Assemble an understanding of the Scientific Method and apply it to real world issues.
- Examine interdisciplinary aspects of environmental studies to observe how science and science policy interact.

Technology Requirements

- Email - Students will require access to a regularly monitored email address provided to the instructor
 - UAF email will be assigned upon course registration and is preferred
- Google Drive – A Google Drive folder will be established and maintained by the instructor will be “shared” with the students. Students will have the ability to submit and view other student entries that can be referenced as a discussion format.
- Blackboard (Bb) – Students will be assigned a Bb account upon registration for the class and may be monitored for important announcements and discussions as necessary.
- Zoom – Students should be able to communicate through Zoom for meetings as announced or by appointment.

Course Schedule – use agenda for AFE

Please see; <https://akforum.org/alaska-forum-on-the-environment/> for the main page and then:

Click from bottom left under AFE = Calendar = <https://alaskaconnect.org/events/> for a schedule of events. Due to the virtual nature of this year's schedule, quality scheduled events occur throughout the year. However, class assignments will need to be completed and submitted by April 27, 2021 to receive course credit.

Evaluation and Grading Policy

Grading type: *Pass/Fail*

Students will keep daily journals and summarize presentations and will be given an exit survey to discuss key topics learned.

- 60 points — Journal entries and time accounting exercise (template = Pgs. 5-6)
- 10 points — Daily discussion on sessions with other participants
- 25 points — Exit survey and reflection questions (Pgs. 7-10)
- 5 points — Participation and attendance

Students must receive **70%** or greater to pass course.

Journal Requirement.

Each student will be required to keep a record of the sessions attended and notes on what was learned. A folder will be given to each student containing the AFE sessions available each day and session forms to record and reflect on what was learned. Each session attended will need a form that is signed by the session chair or one of the session speakers. This will need to be arranged with the presenter and scheduled accordingly.

- You may send the form to the presenter as provided in class and they may digitally sign. Students then submit them to the instructor.
- Email confirmation from the presenter also would be an acceptable signature substitute for confirmation in limited, approved circumstances.
- To complete the course all students need to log at least 15 hours of conference attendance time at sessions and participate in sessions for a minimum of 3 days.
- This journal will be graded based on how well each student articulates what they learned from interactions with speakers and other conference participants as well as logging the time spent attending the conference.

Grading Rubric for Journal

	5 (Excellent)	4 (Good)	2-3 (Fair)	0-1 (Poor)
Content	Entries are important and help make content interesting; the details focus on the most important information. Discussions help the reader see new things.	Entries are important in discussing the activities for the week; written details help the reader understand topics in interesting ways.	Entries and details are weakly discuss or are not be very important or confusing.	Entries and details that are not important or relevant to AFE or environmental studies.
Comprehensibility	Able to understand what is being presented in sessions	Can understand most of what is being communicated.	Can understand less than half of what is being communicated.	Can understand little of what is being communicated.
Organization	Journal entries are logical and coherent.	Journal entries are generally logical and effective with few minor problems.	Journal entry is somewhat illogical and confusing in places.	Journal entry lacks logical order and organization.
Effort	Exceeds the requirements of the assignment and care and effort is put into the process.	Fulfills all of the requirements of the assignment.	Fulfills some of the requirements of the assignment.	Fulfills few of the requirements of the assignment.
Grammar, Mechanics, Spelling, and Sentence Structure	Journal entries are complete; no grammar or spelling errors.	Journal entries are simple bullets; few grammar or spelling errors.	Journal entries adequate; maximum of many grammar or spelling errors.	Inadequate journal discussion; many spelling or grammar errors.

Course Policies:

Individuals enrolling in the UAF course agree to:

- To conduct themselves honestly and responsibly, and to respect the rights of others according to the Student Code of Conduct (http://www.uaf.edu/catalog/current/academics/regs3.html#Student_Rights)
- Attend sessions in accordance to the rules stated in this syllabus.
- Turn in assignments and course packet with completed forms at BEFORE you leave the conference. Course packets turned in after March 11 will not be accepted without prior approval of instructor.
- The instructor reserves the right to amend this course outline as needed.

Student Support Disability Services:

University of Alaska Fairbanks Bristol Bay Campus Student Services at:

PO Box 1070, Dillingham, Alaska 99576
907-842-5109, 800-478-5109, Fax: 907-842-5692

Support and Tutoring is available to eligible students through UAF Student Support Services or Bristol Bay Campus. Contact UAF via the Internet at <http://www.uaf.edu/sssp/> or BBC by calling the toll free number at 1.800.478.5109.

Library services are available at <http://library.uaf.edu/offcampus> or call the toll free library information number at 1.800.478.5348 and ask for the off-campus librarian.

UAF Writing Center 907 474 5314 or email for an appointment at uaf-writing-center@alaska.edu

Their website can be found at <http://www.uaf.edu/english/writing-center/>

CRCD Bookstore 907 474 7711 (1-877-651-4002) or email at CRCD-gotbooks@alaska.edu

Their website can be found at <http://www.uaf.edu/rural/bookstore-services/>

UAF Disability Services office operates in conjunction with the College of Rural and Community Development (CRCD) campuses and UAF's Center for Distance Education (CDE). Disability Services provides academic accommodations to enrolled students who are identified as being eligible for these services and insures that UAF students have equal access to the campus and course materials. If you have specific physical, psychiatric or learning disabilities and require reasonable accommodations, please let the instructor know as soon as possible so that learning needs may be appropriately met. You will need to provide documentation of your disability to Disability Services and request a letter of accommodation. Disability Services is located in room 208 of the Whitaker Building on the UAF campus and can be reached weekdays between 8:00 am and 5:00 pm at:

Phone - (907) 474-5655, TTY - (907) 474-1827, Email - uaf-disabilityservices@alaska.edu

TITLE IX INFORMATION

University of Alaska Board of Regents have clearly stated in BOR Policy that discrimination, harassment and violence will not be tolerated on any campus of the University of Alaska. If you believe you are experiencing discrimination or any form of harassment including sexual harassment/misconduct/assault, you are encouraged to report that behavior. If you report to a faculty member or any university employee, they must notify the UAF Title IX Coordinator about the basic facts of the incident. Your choices for reporting include:

- 1) You may access confidential counseling by contacting the UAF Health & Counseling Center at 474-7043;
- 2) You may access support and file a Title IX report by contacting the UAF Title IX Coordinator at 474-6600;
- 3) You may file a criminal complaint by contacting the University Police Department at 474-7721. . <https://uaf.edu/oeo/civil-rights/aa-eo/>

COVID-19, Addition and Policy

Students should keep up-to-date on the university's policies, practices, and mandates related to COVID-19 by regularly checking this website: <https://sites.google.com/alaska.edu/coronavirus/uaf/uaf-students?authuser=0> Further, students are expected to adhere to the university's policies, practices, and mandates and are subject to disciplinary actions if they do not comply.

Journal – AFE Session Entry Form

Session: _____

Date: _____ Time: _____



Moderator name: _____

Speaker names: _____

Moderator or speaker signature: _____

Journal Entry:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

(Attach additional paper if needed)

Number of hours attended at this session: _____ (example 0.5 hours or 1.2 hours)

Journal – AFE Session Entry Form

Session: _____

Date: _____ Time: _____



Moderator name: _____

Speaker names: _____

Moderator or speaker signature: _____

Journal Entry:

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

(Attach additional paper if needed)

Number of hours attended at this session: _____ (example 0.5 hours or 1.2 hours)

Name: _____, Date _____



Final Exam and Exit Survey

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1. Total number of sessions attended: _____

Total number of hours attended: _____ (total should be no less than 14 hours)

Are you currently enrolled in other college classes- **Yes/No** (circle one)??

If yes, do you consider yourself an *urban* or *rural* student (circle one)

2. What is the name of your village, town or city where you live?

3. Briefly, why did you attend AFE, what were you hoping to learn?

4. List some key ideas you learned in AFE sessions that struck you as most important.

5. Check up to 3 boxes next to the environmental issue YOU THINK is influencing your community the most:

- | | | |
|---|---|--|
| <input type="checkbox"/> Water quality | <input type="checkbox"/> Oil / gas development | <input type="checkbox"/> Renewable Energy |
| <input type="checkbox"/> Landfills / waste management | <input type="checkbox"/> Subsistence protection | <input type="checkbox"/> Energy efficiency |
| <input type="checkbox"/> Climate change | <input type="checkbox"/> Indoor air quality | <input type="checkbox"/> Urban sprawl |
| <input type="checkbox"/> Mining | <input type="checkbox"/> Outdoor air quality | <input type="checkbox"/> Roles of tribal governments |

6. Check the boxes of the environmental issue YOU KNOW ARE BEING ADDRESSED in your community, then list what actions are being taken:

- | | | |
|---|---|--|
| <input type="checkbox"/> Water quality | <input type="checkbox"/> Oil / gas development | <input type="checkbox"/> Renewable Energy |
| <input type="checkbox"/> Landfills / waste management | <input type="checkbox"/> Subsistence protection | <input type="checkbox"/> Energy efficiency |
| <input type="checkbox"/> Climate change | <input type="checkbox"/> Indoor air quality | <input type="checkbox"/> Urban sprawl |
| <input type="checkbox"/> Mining | <input type="checkbox"/> Outdoor air quality | <input type="checkbox"/> Roles of tribal governments |

7. Are college courses important to work in in the environmental field?

☐ does not matter ☐ not important ☐ somewhat important ☐ important ☐ very important

8. What environmental ACTIONS are being taken in your community?

9. Tell about any changes YOU will make to take care of the environment.

10. Was the environmental information presented at AFE framed in a format that you could easily understand, and did it meet your learning objectives?
Why or why not?

11. Would you like to learn more about college courses in Environmental Science, Tribal Lands Stewardship, Ethnobotany or Sustainable Energy? If yes, please write your email below:

12. Are you interested in participating in a short survey about your knowledge of local resources, environmental issues and leadership in your community? A \$10 Amazon Certificate will be given for survey participation. If yes, please write your email below:

Final Essay: describe at least three projects or ventures that you learned about at AFE that should change our modern environment (*continue on back*):

2020 Alaska Forum on the Environment

Course requirements:

The course requires students to attend AFE sessions and document their participation using the Journal Forms provided in this handbook. Use the Journal Form to reflect on each session record what you learned. Each session attended will need the Journal Form signed by the moderator or one of the session speakers.

Please use the agenda provided in the AFE conference packet to decide which sessions you plan to attend.

Complete at least 14 hours of attendance time and participate in sessions including keynote speakers from Feb. 8-11, 2021. Please log this time on the Final Exam and Exit Survey form.

At completion of the conference, turn in this handbook with the Course Final completed.

Course Agreement:

I understand that I am responsible for attendance, course Journal Forms and hour accounting as well as the acquisition of signatures needed during the conference.

I also understand that falsification of information submitted in this handbook could result in a failing grade.

By signing below, I am agreeing to the above terms and conditions and UAF policy as outlined in the course syllabus:

Signature: _____ Date: _____

Print Name: _____