

ENST 303 - Environmental Management

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Instructor

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Office hours

M-Th 1:30-2:30
or by appointment

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Course description

Environmental management is governance for sustainability. Primary goals of environmental management are environmental protection, conservation, and sustainable resource management. These things are essential to our survival and wellbeing. Sustainable environmental management requires critical thinking, awareness of the complexity of ecological processes and relationships, knowledge of how environmental management has been carried out in the past, effective means of establishing consensus among diverse interests, and collaborative project management. Science informs the management process, but it must be implemented and guided with socioeconomic, political, and cultural considerations in mind.

In this class, we will learn about conventional and alternative environmental management and existing and emerging challenges facing environmental managers. We will consider experiences of professionals working in environmental management in a variety of settings, and explore cases.

Topics we will cover include ecosystem conservation, organic agriculture, National Parks, climate change, disaster management, toxic and nuclear waste, and environmental management systems (EMS).

Learner outcomes

1. Explain history and principles of conventional environmental management
2. Explain principles of alternative environmental management
3. Recognize challenges to implementing sustainable development at state, national, and global levels
4. Appraise private and public sector environmental management challenges
5. Appreciate cultural influences on environmental management
6. Evaluate socioeconomic, political, and ecological dynamics of environmental management

Resources

For online students

Carefully review information on technology presented at CWU's Online Learning site: <http://www.cwu.edu/online-learning/technology-requirements>. There you will find all necessary information about technology requirements and links to download browsers, plug-ins, and programs.

Use either **Firefox** or **Google Chrome** to best interact with Canvas.

You will need **Adobe Reader** and you can obtain it free at <http://get.adobe.com/reader/>.

Some materials are presented as Microsoft Word documents (.doc or .docx), and submitting assignments prepared using Word is required. Sign in to this website to download **Office 365, free for currently enrolled CWU students**: <https://products.office.com/en-us/student/office-in-education>.

The Wildcat Shop sometimes has good bargains on software. Cat Tech offers hardware, repair of Apple products, and buys some used hardware for cash: <https://wildcatshop.net/c-4-cat-tech.aspx> .

Materials presented at CWU's Online Student Resource Center are designed primarily for students enrolled in fully online degree programs, but students taking online classes may also find them helpful. See <http://www.cwu.edu/student-achievement/online-student-resource-center> .

Canvas

Canvas is the Learning Management System we use for our course. We will use Modules, Pages, Quizzes, People, Discussions, Conferences, and other Canvas tools.

Our course is organized as a series of **Modules in Canvas**. Modules present assignments you must complete. Modules should be completed in the order presented. In some cases, it is necessary to complete all Module work before moving on to the next Module.

Canvas Pages provide information about topics, information about assignments, and instructions. **Before getting started with module work, carefully read the Page(s) associated with the Module!**

If you are new to Canvas, you can reference **Canvas guides** as needed. See <https://community.canvaslms.com/docs/DOC-10701>

You can get help while working in Canvas by clicking the "Help" icon at the bottom of the column at the left side of the screen. You can chat in real time with a technician who can provide immediate assistance or send a message requesting assistance. You can also call the Canvas Support Hotline toll-free: (877) 399-8897.

Here is a link to CWU's Canvas Help and Support for Students webpage: <http://www.cwu.edu/online-learning/canvas-help-and-support-students>.

We may use Canvas Conferences. Here is a link to a Canvas guide on using Conferences: <https://community.canvaslms.com/docs/DOC-8075> . This content is linked at CWU's Online Learning webpage on technology tools. See <http://www.cwu.edu/online-learning/how-do-i-use-technology-tools>.

Reading materials

Online classes require a lot of reading. Experienced students with upper-division college reading skills should expect to spend an average of about 4-6 hours/week reading. Please keep in mind that the amount of time you need to keep up with reading will depend in part on your time-management skills. Open-book reading quizzes will help you identify and interpret key points in readings.

- Our textbook is AVAILABLE AS AN EBOOK ONLINE THROUGH CWU LIBRARY (NO COST) or for purchase through CWU Wildcat Shop: *Environmental management: Critical thinking and emerging practices* (2017) by Mulvihill and Harris. New York: Routledge.
- Other required readings will be posted in course Modules as PDF files or come from eBooks in the CWU library's collection.

Internet environmental news services

Subscribe to these right away:

1. **Sightline Daily** is a service of the [Sightline Institute](#), an independent, non-profit research and communications institute established in 1993 to equip the Northwest's citizens and decision-makers with the policy research and practical tools they need to advance long-term solutions to our region's most significant challenges. For more, see <http://www.sightline.org/> . Sightline Daily is delivered to your email account daily. The 10 linked stories are picked from more than 120 media outlets from the Northwest and beyond. Go to <http://www.sightline.org/signup/> to sign up.
2. **Environment News Service** is a daily international wire service. For more, see <http://ens-newswire.com/about/> To subscribe, go to <http://ens-media.com/lists/?p=subscribe&id=2> You

will get a summary emailed to you and can scan the headlines in the email to see what's in the news.

Videos

You will need to access videos and movies online. Some may be available at no cost. Some will be available only through Netflix or Amazon. You might have to pay to access some.

Your instructor

I got my PhD in political science from the University of Oregon. I have studied environmental politics for many years, exploring movements and cultural politics in Latin America, the US, and Canada. I have an MA in Latin American Studies from the University of Arizona and got my BA in political science at CWU long, long ago.

Contact me anytime you have questions or need assistance figuring out what to do or how to do it! I check my email and the course site frequently and will respond to you promptly. I am available during office hours or by appointment. Call me at 509-963-1842. If you're in Ellensburg, feel free to come by my campus office - PSYCH 474 - for a face-to-face visit.

Course components

Quizzes guide and measure your comprehension of readings. They are open-book exercises. Quiz questions are provided in advance as study guides. Quizzes should be taken *after* carefully reading assigned texts. You will receive feedback on your quizzes.

Canvas Discussions (4) as an online class community will help us explore challenges to environmental management from a variety of critical angles. For full credit on any Discussion, you must carefully follow instructions, respond to questions or responses addressed to you, and participate *throughout* the discussion period.

Reflection papers (3) enable you to consider and explain how concepts and cases in readings and other course materials relate to your own observations, insights, experiences, and interests.

Case study project provides you the opportunity to evaluate an environmental management case. The final results will be an analysis paper that includes a correctly formatted reference list, and a PowerPoint presentation that conveys findings and suggestions for making environmental management more effective in a particular setting. Evaluation involves peer review.

Assessment

Grade distribution

| Component | % value |
|-------------------------|---------|
| Reading quizzes | 25% |
| Canvas Discussions | 20% |
| Reflection papers | 30% |
| Case study paper | 15% |
| Case study presentation | 10% |

Grading scale

| Grade | % range |
|-------|---------|
| A | 100-93 |
| A- | 92-90 |
| B+ | 89-88 |
| B | 87-83 |
| B- | 82-80 |
| C+ | 79-78 |
| C | 77-73 |
| C- | 72-70 |
| D+ | 69-68 |
| D | 67-63 |
| D- | 62-60 |

Course policies

Communication and feedback

- Contact me whenever you have questions, need assistance, or want feedback. **I am happy to help** however I can to enable you succeed, and I respond promptly to messages (within 24 hours and sooner, if possible).
- Log in to Canvas every day and carefully read announcements.
- Check the Canvas inbox and your CWU email account on a daily basis and please respond promptly to messages.
- I welcome all the feedback you may wish to provide on the course! If you have suggestions about how to make assignments more valuable or due dates more reasonable, etc., let me know. This will help not just you and me, but others in the class now and those who take it in the future.

Missed or make-up work

- If an emergency prevents you from completing required coursework on time, communicate with me right away.
- Make arrangements **in advance** before submitting late work.
- Missed course requirements are entered into grades as "0" points.

University policies

Academic integrity and student conduct

You are expected to complete all coursework and assignments using your own original ideas and own words. You must properly cite the ideas and words of others. Sanctions for plagiarism range from failure of a particular assignment to suspension from the university.

You must be honest and respectful in your interactions with other students and your instructor.

Expectations of student conduct and specific student responsibilities are established by the University and by Washington state law. See the CWU Catalog for more information. See the Washington state Student Conduct Code (which includes proscribed conduct and disciplinary sanctions) at <http://apps.leg.wa.gov/wac/default.aspx?cite=106-125> .

On student success, rights, and responsibilities

Link here to the Office of the Dean of Student Success: <http://www.cwu.edu/student-success/>

Link here to CWU’s Office of Student Rights and Responsibilities: <http://www.cwu.edu/student-rights/>

Special needs

Students with disabilities wishing to arrange academic adjustments in this class must be registered with Disability Services (DS). Once you are registered with DS, they arrange requested adjustments with instructors. Information about the DS intake process may be obtained by visiting <http://www.cwu.edu/disability-support/requesting-student-accommodations>, emailing DS@cwu.edu or calling (509) 963-2214.

Preliminary course schedule

- This is the schedule for weeks 1-3. Course schedules for weeks 4-finals will be posted in Canvas. [Watch for Canvas announcements about course schedule updates.](#)
- Unless otherwise specified, coursework is due at midnight on dates indicated.
- Note that due dates shown for Discussions at “Syllabus” in Canvas are dates by which *final* Discussion posts are due. Deadlines for first posts are provided in instructions.

| WEEK | TOPICS | COURSEWORK (SEE PAGES IN CANVAS FOR MORE INFO.) | DUE DATES |
|---------------|---|---|---|
| 1 3/27-4/1 | Module 1 Introductions ***** Module 2 What is EM? | ➤ Module 1 <ul style="list-style-type: none"> • Read Module 1 Page • Update bio at Canvas Profile • Discussion 1 [“D1”] - 1st posts due 4/1; final posts due 4/4 • Syllabus quiz • Survey ***** ➤ Module 2 <ul style="list-style-type: none"> • Read Module 2 Page • Read Mulvihill & Ali Chapters 1, 2, and 4 • Complete Reading Quiz 1 (“RQ1”) by 4/5 | ✓3/29: Deadline to finish syllabus quiz and survey ✓3/30: Updated bio at Canvas Profile due ✓4/1: D1, 1 st posts due |
| 2 4/2-4/8 | ***** Module 3 | Module 2 continued ***** ➤ Module 3 <ul style="list-style-type: none"> • Read Module 3 Page | ✓4/4: D1, final posts due ✓4/5: RQ1 due |

| | | | |
|-------------------|--|--|-----------------|
| | Sustainable development | <ul style="list-style-type: none"> • Read Mulvihill & Ali Chapter 3 • Read "Towards Sustainable Development," Chapter 1 in John Blewitt's book, <i>Understanding Sustainable Development</i> • Complete RQ2 by 4/12 | |
| 3 4/9- 4/15 | <p>*****</p> <p>Module 4 Historical and cultural perspectives</p> | <p>Module 3 continued</p> <p>*****</p> <p>➤ Module 4</p> <ul style="list-style-type: none"> • Read Module 4 Page • Read "The Aztecs of Mexico: A Zero Waste Society" at https://ourworld.unu.edu/en/the-aztecs-of-mexico-a-zero-waste-society • Other readings to be announced • Complete reflection paper #1 by 4/17 | ✓ 4/12: RQ2 due |