EVSP501

Course Summary

Course : EVSP501 **Title :** Environmental Management
Length of Course : 8
Prerequisites : N/A **Credit Hours :** 3

Description

Course Description: This course focuses on the analysis and resolution of complex environmental management issues. Environmental Management investigates the use of management tools and strategies to resolve complex environmental problems and controversies, including application of adaptive management, structured decision-making, and negotiation principles, and incorporating stakeholders, economic drivers, and the human element. Environmental leadership, collaboration, and conflict resolution will be emphasized, with due consideration to the use of sound scientific data in environmental decision making. Students will be expected to use critical thought, innovation, and creativity to formulate an adaptive management plan for a highly controversial environmental issue or policy as their course final project.

Course Scope:

As an advanced general survey course, Environmental Management introduces the student to the major concepts, programs, and problems in environmental management. Topics will include the role of collaboration in environmental decision-making, application of scientific research, strategies in adaptive management, and structured decision-making. Students will be expected to use critical thought, innovation, and creativity to solve complex environmental problems.

Objectives

After successfully completing this course, you will be able to:

- LO-1 Explain key terms, approaches, and concepts of environmental management
- LO-2 Describe the human behaviors, interpersonal communication pitfalls, and conflict situations that can become barriers to sound environmental management and decision-making
- LO-3 Develop well-defined goals and objectives that provide a framework for adaptive management approaches to environmental policy decision-making
- LO-4 Apply scientific data, the human equation, and structured decision-making to complex practical problems
- LO-5 Synthesize published scientific information to inform environmental policy and management decisions
- LO-6 Create successful environmental management strategies that enhance compliance while

supporting organizational missions
- LO-7 Analyze the effectiveness of outreach strategies in communicating and furthering environmental program or activity goals and objectives
- LO-8 Produce a strategic adaptive management plan for a controversial environmental management issue

Outline

Week 1: History of Environmental Management

Learning Objectives

LO-1 Explain key terms, approaches, and concepts of environmental management

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 1

Topic Selection [Tests & Quizzes]

Week 2: Resource Sustainability

Learning Objectives

LO-1 Explain key terms, approaches, and concepts of environmental management

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 2

Presentation #1 Natural Resource Overview [Assignments]

Week 3: Elements of Environmental Management

Learning Objectives

LO-3 Develop well-defined goals and objectives that provide a framework for adaptive management approaches to environmental policy decision-making

LO-4 Apply scientific data, the human equation, and structured decision-making to complex practical problems

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 3

Presentation #2 Elements of Adaptive Management [Assignments]

Week 4: Approaches & Policies in Environmental Management

Learning Objectives

LO-1 Explain key terms, approaches, and concepts of environmental management

LO-3 Develop well-defined goals and objectives that provide a framework for adaptive management approaches to environmental policy decision-making

LO-5 Synthesize published scientific information to inform environmental policy and management decisions

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 4

Midterm Exam [Tests & Quizzes]

Week 5: The Human Element

Learning Objectives

LO-2 Describe the human behaviors, interpersonal communication pitfalls, and conflict situations that can become barriers to sound environmental management and decision-making

LO-6 Create successful environmental management strategies that enhance compliance while supporting organizational missions

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 5

Presentation #3 Actions and Strategies [Assignments]

Week 6: Applied Ecology and Natural Resource Management

Learning Objecives

LO-4 Apply scientific data, the human equation, and structured decision-making to complex practical problems

LO-6 Create successful environmental management strategies that enhance compliance while supporting organizational missions

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 6

Week 7: Integrating Science & Management

Learning Objectives

LO-4 Apply scientific data, the human equation, and structured decision-making to complex practical problems

LO-5 Synthesize published scientific information to inform environmental policy and management decisions

LO-7 Analyze the effectiveness of outreach strategies in communicating and furthering environmental program or activity goals and objectives

LO-8 Produce a strategic adaptive management plan for a controversial environmental management issue

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 7

Final Plan [Assignments]

Week 8: Synthesis

Learning Objectives

LO-1 Explain key terms, approaches, and concepts of environmental management

LO-4 Apply scientific data, the human equation, and structured decision-making to complex practical problems

LO-5 Synthesize published scientific information to inform environmental policy and management decisions

Weekly Readings and Other Resources

Identified in the Lessons

Assignments

Forum 8

Final Exam [Tests & Quizzes]

Evaluation

Your final grade will be based on the following course requirements:

Assignment	Percent (%)	Grading:
Forums (8 @3% each)	24%	
Presentations (3 @ 7% each)	21%	

Assignment	Percent (%)
Adaptive Management Plan	20%
Midterm Exam	15%
Final Exam	20%
Total	100%

Name	Points

Materials

Book Title: The Sciences and Art of Adaptive Management - available free online at http://www.swcs.org/en/publications/the_sciences_and_art_of_adaptive_management

Author: Keith M. Moore

Publication Info: Soil and Water Conservation Society

ISBN: 9780976943273

Required Readings and Other Resources: As identified in the Lessons

Additional Resources: Please go to the program guides in the APUS Library for additional resources:

Environmental Policy and Management:
http://apus.campusguides.com/environmental_policy_management?hs=a

Software Requirements

- Microsoft Office (MS Word, MS Excel, MS PowerPoint) - American Public University System provides Microsoft Office 365 to AMU/APU students and faculty at no cost
- Adobe Acrobat Reader

Course Guidelines

Citation and Reference Style

- Attention Please: Students will follow the APA Format as the sole citation and reference style used in written work submitted as part of coursework to the University. Assignments completed in a narrative essay or composition format must follow the citation style cited in the APA Format.

Tutoring

- Tutor.com offers online homework help and learning resources by connecting students to certified tutors for one-on-one help. AMU and APU students are eligible for 10 free hours* of tutoring provided by APUS. Tutors are available 24/7 unless otherwise noted. Tutor.com also has a SkillCenter Resource Library offering educational resources, worksheets, videos, websites and career help. Accessing these resources does not count against tutoring hours and is also available 24/7. Please visit the APUS Library and search for 'Tutor' to create an account.

Late Assignments

- Students are expected to submit classroom assignments by the posted due date and to complete the

course according to the published class schedule. The due date for each assignment is listed under each Assignment.

- Generally speaking, late work may result in a deduction up to 15% of the grade for each day late, not to exceed 5 days.
- As a working adult I know your time is limited and often out of your control. Faculty may be more flexible if they know ahead of time of any potential late assignments.

Turn It In

- Faculty may require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. In some cases professors may require students to use Turnitin.com. This is automatically processed through the Assignments area of the course.

Academic Dishonesty

- Academic Dishonesty incorporates more than plagiarism, which is using the work of others without citation. Academic dishonesty includes any use of content purchased or retrieved from web services such as CourseHero.com. Additionally, allowing your work to be placed on such web services is academic dishonesty, as it is enabling the dishonesty of others. The copy and pasting of content from any web page, without citation as a direct quote, is academic dishonesty. When in doubt, do not copy/paste, and always cite.

Submission Guidelines

- Some assignments may have very specific requirements for formatting (such as font, margins, etc) and submission file type (such as .docx, .pdf, etc) See the assignment instructions for details. In general, standard file types such as those associated with Microsoft Office are preferred, unless otherwise specified.

Disclaimer Statement

- Course content may vary from the outline to meet the needs of this particular group.

Communicating on the Forum

- Forums are the heart of the interaction in this course. The more engaged and lively the exchanges, the more interesting and fun the course will be. Only substantive comments will receive credit. Although there is a final posting time after which the instructor will grade comments, it is not sufficient to wait until the last day to contribute your comments/questions on the forum. The purpose of the forums is to actively participate in an on-going discussion about the assigned content.
- "Substantive" means comments that contribute something new and hopefully important to the discussion. Thus a message that simply says "I agree" is not substantive. A substantive comment contributes a new idea or perspective, a good follow-up question to a point made, offers a response to a question, provides an example or illustration of a key point, points out an inconsistency in an argument, etc.
- As a class, if we run into conflicting view points, we must respect each individual's own opinion. Hateful and hurtful comments towards other individuals, students, groups, peoples, and/or societies will not be tolerated.

University Policies

Student Handbook

- Drop/Withdrawal policy
- Extension Requests

- [Academic Probation](#)
- [Appeals](#)
- [Disability Accommodations](#)

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