Marine Protected Areas- FAS 6357

Overview

Presents the history and logic of marine protected areas (MPAs) and their advantages and disadvantages. The science of MPAs will be explained as well as an overview of traditional approaches of fisheries management. The importance of ecological principles when creating an MPA will be emphasized. An overview of sampling theory and the need for empirical data to document the success or failure of MPAs will be presented.

- 3 credits

- Fall Semester

- 100% Online

- http://elearning.ufl.edu/

Instructor: Dr. Nick Funicelli

- Please use the Canvas message/Inbox feature for fastest response.

- Office hours: Monday, Wednesday Friday 1:00 to 3:00 via Zoom. I am also available by appointment email or call me to arrange: jungian7@gmail.com |CELLS: 352.328.4583 ; 352-872-8998 PLEASE NOTE LEAVE MESSAGES AT ANY NUMBER

- Can also arrange a Skype

Teaching Assistant: Abigal Belchoir (she/her)

- Please use the Canvas message/Inbox feature for fastest response.

Textbook(s) and/or readings: There is no required textbook for the course. Online readings will be provided on Canvas (see tentative reading list at bottom of syllabus).

Prerequisites: BSC 2011 or equivalent; courses in animal physiology and ecology are recommended.

Learning Outcomes

At the end of this course, each student will be able to:

- Explain the advantages and disadvantages of MPAs as a fisheries and conservation management tool

- Analyze the factors contributing to the success or failure of the creation and monitoring of a proposed MPA

- Summarize the vested interest of various stakeholders and user groups relative to the creation of an MPA

- Plan for potential future challenges and adaptive management needs for a specific MPA

Course Logistics

This course is entirely web-based and asynchronous. Students may access lectures, readings, and supporting materials as they become available each week.

Technology Requirements:

- A computer or mobile device with high-speed internet connection.

- A headset and/or microphone and speakers; a web cam is suggested.

- Latest version of web browser. Canvas supports only the two most recent versions of any given browser. What browser am I using?

- [VoiceThread: http://ufl.voicethread.com (more instructions will be provided)]

Assignments & Deliverables

Undergraduate Students:

All students will introduce themselves via a voice thread. 100 points

Discussions. 1400 points

- There are 14 discussions. Please remember that unless you post to the Discussion board, the instructor cannot know that you are completing and understanding the course material. Each week a general question will be posted to get a discussion going, but comments and or answers need not be limited to that general topic. Please feel free to post your own discussion topics based on the unit focus and readings each week. These discussions can, and should, be just like a good in-class discussion. They are a way for you to test out your ideas related to the material, and enhance your knowledge from the perspectives and experiences of your colleagues in the course.

- Your post can be audio, video or written. I hope to use all three types of media and encourage you to do the same.

- Until you post you will not have access to other posts in the discussion.

- Each discussion will begin on at 12:01 AM Monday morning and your first response is due by Wednesday of each of the 14 weeks.

Species Profile paper (2) - 300 points each - 600 points

- Three-page minimum species profile including description, biology, distribution, life cycle, threats and economic importance or potential. Is it an MPA managed species, why or why shouldn't it be?

Critique (4) Peer-Reviewed Articles - 100 points each – 400 pts

- Choose a peer reviewed journal article, related to Marine Protected Areas. This assignment is to critically review an article. Your critique should include discussing the author's findings, reviewing their materials and methods and analyzing their experimental design. You should determine any shortcomings of their experiment as well as the overall contributions their findings make to understand MPAs.

Short Paper 600 points

A short overview paper comparing and contrasting the different fisheries management approaches especially how they differ from MPA management and advantages and disadvantages of each.
The paper should be about six to nine double-spaced pages.

Final Project – 1600 points total

Outline for Final Power Point Presentation. 400 points - Students will submit a 1–2 page (double-spaced) outline of their final presentation. Your outline must be approved prior to your final power point presentation.

- *PLEASE REMEMBER BOTH OUR TA AND I ARE AVAILABLE FOR A SKYPE DISCUSSION RELATIVE TO THIS ASSIGNMENT.*

- I encourage you to take advantage of this opportunity.

1200 points Final Power Point Presentation

- Each student will give a short Power Point Presentation to the class (less than 15 minutes) submitted in Voicethread. This presentation will be the creation of a Marine Protected Area. This creation could be real or imagined.

- The goal(s) of the MPA.

- The hypothesis and science of why the MPA will (should) be successful.

- The presentation should illustrate the size, shape, and habitats of the proposed MPA.

- It should include the rationale for what is NOT allowed in the MPA.

- It should itemize possible stakeholders and their vested interest in the proposed MPA.

If you anticipate problems with submitting your timely submissions, contact me in advance. Late work will be penalized

 Total points 4700

Grades & Grading Scale

For information on current UF policies for assigning grade points, see
https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Policies and Requirements

This syllabus represents current plans and objectives for this course. As
the semester progresses, changes may need to be made to accommodate timing, logistics, or to

Grading Scale (%)
A 93-100
A- 90-92.99
B+ 88-89.99
B 83-87.99
B- 80-82.99
C+ 77-79.99
C 73-76.99
C- 70-72.99
D+ 67-69.99
D 63-66.99
D- 60-62.99
E > 60

enhance learning. Such changes, communicated clearly, are not unusual and should be expected.

Attendance, Late Policy & Make-up Requests

It is the responsibility of the student to access on-line lectures, readings, discussions, etc. and to maintain satisfactory progress in the course.

Computer or other hardware failures, except failure of the UF e-Learning system, will not excuse students for missing assignments. Any late submissions due to technical issues MUST be accompanied by the ticket number received from the Helpdesk when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request consideration.

For computer, software compatibility, or access problems call the HELP DESK phone number—352-392-HELP = 352- 392-4357 (option 2).

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

Semester Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning.

At approximately the mid-point of the semester, the School of Forest, Fisheries, & Geomatics Sciences will request anonymous feedback on student satisfaction on various aspects of this course. These surveys will be sent out through Canvas and are not required but encouraged. This is <u>not</u> the UF Faculty Evaluation!

At the end of the semester, students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.

Netiquette: Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. Failure to do so may result in loss of participation points and/or referral to the Dean of Students' Office. http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf

Academic Honesty Policy

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."*

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

It is assumed that you will complete all work independently in each course unless them instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct or appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated.

Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code.

University Policy on Accommodating Students with Disabilities:

Students requesting accommodation for disabilities must first register with the Dean of Students Office https://disability.ufl.edu/ The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Getting Help

For issues with technical difficulties for e-learning in Canvas, please post your question to the Technical Help Discussion in your course, or contact the UF Help Desk at:

- Learning-support@ufl.edu | (352) 392-HELP - select option 2 | http://elearning.ufl.edu
- Library Help Desk support http://cms.uflib.ufl.edu/ask
- SFRC Academic Hub https://ufl.instructure.com/courses/303721

Student Life, Wellness, and Counseling Help

- *U Matter, We Care*: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit U Matter, We Care website to refer or report a concern and a team member will reach out to the student in distress.
- *Counseling and Wellness Center*: Visit the Counseling and Wellness Center website or call 352-392-1575 for information on crisis services as well as non-crisis services.
- *Student Health Care Center*: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the Student Health Care Center website.

- *University Police Department*: Visit UF Police Department website or call 352-392-1111 (or 9-1-1 for emergencies).
- *UF Health Shands Emergency Room / Trauma Center:* For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road,
- Gainesville, FL 32608; Visit the UF Health Emergency Room and Trauma Center website.
- *GatorWell Health Promotion Services*: For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the GatorWell website or call 352-273-4450.
- Academic Resources
- *E-learning technical support*: Contact the UF Computing Help Desk at 352-392-4357 or via e-mail at helpdesk@ufl.edu.
- *Career Connections Center*: Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.
- *Library Support*: Various ways to receive assistance with respect to using the libraries or finding resources.
- *Teaching Center*: Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.
- *Writing Studio:* 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints:

Residential Course: https://sccr.dso.ufl.edu/policies/student-honor-code-studentconduct-code/.

Online Course: https://pfs.tnt.aa.ufl.edu/state-authorization-status/#student-complaint

The School of Forest Resources & Conservation cares about your experience and we will make every effort to address course concerns. We request that all online students complete a course satisfaction survey each semester, which is a time for you to voice your thoughts on how your course is being delivered.

If you have a more urgent concern, your first point of contact should be the SFRC Academic Coordinator or the Graduate/Undergraduate Coordinator for the program offering the course.