

Marine Protected Areas- FAS4932/6932

1. Overview

Lectures will address the logic of marine protected areas (MPAs) and their advantages and disadvantages. The science of MPAs will be presented as well 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 one to three. 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: Shelby C Thomas

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

Textbook(s) and/or readings: There is no required text for the course. Online readings will be provided for many learning topics.

2. Learning Outcomes

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

- Understand the advantages and disadvantages of MPAs as a fisheries and conservation management tool
- How to test a hypothesis relative to the success or failure of the creation and monitoring of an MPA
- Comprehend the vested interest of various stakeholders and user groups relative to the creation of an MPA

3. Course Logistics

This course is entirely web-based and 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)]

3.1. Assignments & Deliverables

Graduate 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. Please remember our discussions are a safe place and we can disagree but always be polite and courteous.
- 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 for Graduates 3 for 300 points each with a total of 900 points

Critique Three (3) Peer-Reviewed Articles 100 points each with a total of 300 points

- 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, analyzing their experimental design. You should

determine any shortcomings of their experiment as well as the overall contributions their findings make to understand MPA's.

Final Project – 1600 points

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

- **PLEASE REMEMBER BOTH OUR TA AND ME ARE AVAILABLE FOR A ZOOM DISCUSSION RELATIVE TO THIS ASSIGNMENT.**
- I encourage you to take advantage of this opportunity.

- **1200 points for Power Point Presentation**
- Each student will give a short Power Point Presentation to the class (less than 15 minutes). 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 what vested interest they each have in the proposed MPA.
- A monitoring program to document the success or failure of the MPA.
- An adaptive management plan relative to possible outcomes of the monitoring program.

Final Power Point Presentation 1200 Points

If you anticipate problems with making your submissions on time, contact me in advance. Late work will be penalized

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 1 for undergraduates - 300 points

Critique one (1) Peer-Reviewed Article - 100 points

- 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.

Final Project – 1600 points

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

- **PLEASE REMEMBER BOTH OUR TA AND ME ARE AVAILABLE FOR A SKYPE DISCUSSION RELATIVE TO THIS ASSIGNMENT.**
- I encourage you to take advantage of this opportunity.
- **1200 points for Power Point Presentation**
- Each student will give a short Power Point Presentation to the class (less than 15 minutes). 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 what vested interest they each have in the proposed MPA.
- A monitoring program to document the success or failure of the MPA.
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Final Power Point Presentation 1200 Points

If you anticipate problems with making your submissions on time, contact me in advance. Late work will be penalized

4. Grades & Grading Scale

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

5. Course Content

- See “Modules” in Canvas.

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

6.1. Late Submissions & 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

Grading Scale (%)

A 93-100

A- 90-92

B+ 88-89

B 83-87

B- 80-82

C+ 77-79

C 73-76

C- 70-72

D+ 67-69

D 63-66

D- 60-62

E > 60

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>

6.2. 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 Resources & Conservation 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 not the UF Faculty Evaluation!

At the end of the semester, students are expected to provide UF with feedback on the quality of instruction in this course using a standard set of university and college criteria (UF Faculty Evaluations). These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

6.3. 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>

6.4. 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 the 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>.

6.5. University Policy on Accommodating Students with Disabilities:

Students requesting accommodation for disabilities must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc/>). 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.

6.6. 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.

7. 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>

7.1. Student Life, Wellness, and Counseling Help

- Counseling and Wellness resources <http://www.counseling.ufl.edu/cwc/>
- U Matter, We Care <http://www.umatter.ufl.edu/>
- Career Resource Center <http://www.crc.ufl.edu/>
- Other resources are available at <http://www.distance.ufl.edu/getting-help> for online students.

7.2. Student Complaint Process

The School of Forest Resources & Conservation cares about your experience and we will make every effort to address course concerns. We request that all of our 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. You may also submit a complaint directly to UF administration:

- Students in online courses: <http://www.distance.ufl.edu/student-complaint-process>

- Students in face-to-face courses:
https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf