

## Environmental Land Use Planning and Management

**URP 6421 – Fall 2024 – Online MURP  
Section 6421**

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Office hours by appointment



This course surveys environmental land use planning and management practices across the breadth of the field through seven modules. Each module examines environmental concerns, associated land use planning and management goals and practices, and illustrative cases. Environmental planning is an important topic for those who want to be environmental planners, generalist planners, planners in all other specializations (e.g., transportation planners), natural resource managers, environmental policy makers, and professionals in many other environmental fields.

### Modules

1. Environmental planning framework and crosscutting methods
2. Watersheds, aquifers, and wetlands
3. Landscape conservation
4. Natural hazards and climate change
5. Soils, land resources, and land use
6. Sustainable settlements

At the conclusion of this course, you should be able to

- Identify the environmental policy context of planning.
- Describe cross-cutting planning practices that apply to environmental concerns.
- Identify a wide range of environmental concerns and specific land use planning practices to address them.
- Integrate knowledge and planning responses across environmental concerns, and include social and economic interests, for sustainability.
- Conduct environmental planning with an adaptive, learning approach for resilience.

Modules will open one week prior to starting in the schedule below. Each module has specific learning objectives. Use these to guide your reading and quiz preparation.

The required textbook is *Environmental Land Use Planning and Management, 2<sup>nd</sup> Edition* (2011) by John Randolph, Island Press. Additional optional readings will be provided to relate the topics to current events.

The course Canvas site will contain all course content, assignments, and grades. Recorded lectures, guest speakers, and other video materials provided in Canvas are required viewing. They will support the module topics and reinforce the textbook readings. The professor will host two synchronous Zoom sessions at the beginning and midpoint of the semester, at times to be determined based on student availability.

This syllabus is subject to minor change with advance notice to students.

### Assignments and Grading

<i>Assignment</i>	<i>Instructions</i>	<i>% of Grade</i>
<i>Discussions</i>	Five discussions and peer feedback	10%
<i>Weekly quizzes</i>	Twelve quizzes based on the textbook readings, open-book. Quizzes open one week prior to due date.	24%
<i>Environmental planning meeting</i>	View an in-person or virtual environmental planning meeting open to the public and describe in a short report.	10%
<i>Field trip podcast</i>	Conduct self-guided field trip, research, and create a short podcast to present to a classmate	10%
<i>Case study presentation and paper</i>	As a small group, give a recorded presentation of an environmental planning case	20%
<i>Plan evaluation</i>	Evaluate an environmental plan using each course module.	26%

All assignments have grading rubrics that show the points for each part of the instructions. Overall, an “A” grade requires a solid understanding and application of the course topics, reflection and analysis, clear and compelling communication, proper citations and references, and timely submittal. A “B” grade is basically sound but has a deficiency in one of the areas above. A “C” or lower grade has significant deficiencies.

*Late assignments* will be marked down 10% of the total grade if they are not turned in by the deadline, and an additional 10% for each week they are late. *Missed class* and *makeup work* are allowed with acceptable, documented, and prompt reasons for absence, with communication to me as early as possible. The terms of making up missed work will be determined the professor in discussion with you. Refer to UF’s attendance policies: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

The relationship between letter grades and numeric grades is: A ( $\geq 94.0$ ), A- ( $\geq 90.0$ ), B+ ( $\geq 87.0$ ), B ( $\geq 83.0$ ), B- ( $\geq 80.0$ ), C+ ( $\geq 77.0$ ), C ( $\geq 73.0$ ), C- ( $\geq 70.0$ ), D+ ( $\geq 67.0$ ), D ( $\geq 63.0$ ), D- ( $\geq 60.0$ ), and E ( $<60.0$ ). Where A=4.0, A-=3.67, B+=3.33, B=3.0, B-=2.67, C+=2.33, C=2.0, C-=1.67, D+=1.33, D=1.0, D-=0.67, E=0.0.

### Accommodations for Students with Disabilities

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center: <https://disability.ufl.edu/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

### **Academic Honesty and Avoiding Plagiarism**

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students 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.” The Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. To read the Conduct Code: <https://sccr.dso.ufl.edu/process/student-conduct-code/>. If you have any questions or concerns, please consult with the instructor.

You must submit work that is *original to this course*, unless it is used as a reference and properly cited. Canvas will screen all written assignments for plagiarism using the text-matching tool Turnitin (<http://turnitin.com/static/index.html>). For guidance on avoiding plagiarism, including how to paraphrase, watch this video by the UF Writing Studio: <https://mediasite.video.ufl.edu/Mediasite/Play/27e154a024d8432aad8baa9d6f50f3d61d>.

### **Use of AI**

The assignments in this course are designed such that ChatGPT or other AI will not be helpful and may be counterproductive. Thus, you should not use AI for assignments in this course. If you use AI tools and do not declare this when submitting the assignment, it will be considered plagiarism.

### **Course/Instructor Evaluations**

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://bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

### **Getting Help**

UF provides a variety of services for distance learning students: <http://www.distance.ufl.edu/getting-help>

To resolve E-learning technical issues, contact the UF helpdesk website at e-mail at [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu) or call 352-392-4357

### Health and Wellness

*U Matter, We Care:* If you or someone you know is in distress, please contact [umatter@ufl.edu](mailto: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.

### Academic Resources

*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.

*Online Students Complaints:* View the Distance Learning Student Complaint Process.

### About Professor Frank

Dr. Frank specializes in planning and engagement for sustainability, resilience, and social equity. Specific areas include sea level rise adaptation, ecosystem and watershed management, regional planning, rural planning, collaborative planning, neighborhood planning, and youth participation. She is the director of the Florida Center for Innovative Communities, which focuses on action research to design and pilot test new community engagement processes. She previously worked as a planning consultant and environmental engineer. She has a doctorate in City and Regional Planning from Georgia Tech and a master's degree in Community and Regional Planning from the University of Oregon. Her undergraduate majors were chemical engineering and mathematics.

**SCHEDULE**

<b>Class Date</b>	<b>Topics</b>	<b>Reading Due</b>	<b>Assignment due Wed (unless note)</b>
<b>Module 1 – Environmental Planning Framework and Crosscutting Methods</b>			
Week 1 8/22-24	Course overview and class introductions Intro to environmental planning		Start Discuss 1
Week 2 8/25-31	Continue intro to environmental planning	Ch. 1-3	Quiz 1 Discussion 1 Start Env Pln Mtg
Week 3 9/1-7	Collaboration Geographic information systems	Ch. 4-5	Quiz 2
<b>Module 2 – Watersheds, Aquifers, and Wetlands</b>			
Week 4 9/8-14	Watersheds and surface water	Ch. 7 (not append), 8	Quiz 3 Start Discuss 2
Week 5 9/15-21	Aquifers and wetlands Water supply planning	Ch. 9, 10 (342-363)	Quiz 4 Env Plan Mtg Start Case Study
<b>Module 3 – Landscape Conservation</b>			
Week 6 9/22-28	Species and land conservation	Ch. 10 (317- 328), 11	Quiz 5 Discussion 2 Start Discuss 3
Week 7 9/29-10/5	Species and land conservation continued	Ch. 15	Quiz 6 Case Study Select
<b>Module 4 – Natural Hazards and Climate Change</b>			
Week 8 10/6-12	Natural hazards	Ch. 13	Quiz 7 Discussion 3 Start Podcast

Week 9 10/13-19	Climate change	Ch. 12	Quiz 8
<b>Module 5 – Land Resources</b>			
Week 10 10/20-26	Soils, erosion, agricultural practices	Ch. 6	Quiz 9 Podcast due Start Discuss 4
Week 11 10/27- 11/2	Integrated land use planning	Ch. 14	Quiz 10 Discussion 4
<b>Module 6 – Sustainable Settlements</b>			
Week 12 11/3-9	Sustainable cities	Ch. 16, 17	Quiz 11
Week 13 11/10-16	No new topics - Finish case study presentations		Case Study Present Start Discuss 5
Week 14 11/17-23	Growth management and regional planning	Ch. 18	Quiz 12 Start Plan Eval
Week 15 11/24-30	<i>Thanksgiving holidays</i>		Discussion 5 (Sun)
Week 16 12/1-7	No new topics – Work on plan evaluation		
Week 17 12/8-14	Finals week		Plan Evaluation