

Environmental Land Use Planning and Management

URP 6421 – Section 2749 – Fall 2016
Thursdays 9:35am-12:35pm
ARCH 439

Dr. Kathryn Frank
ARCH 452
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Image source:
<https://www.qub.ac.uk/research-centres/TheInstituteofSpatialandEnvironmentalPlanning/>

This course surveys environmental land use planning and management practices across the breadth of the field through seven modules:

1. Environmental planning framework and crosscutting methods
2. Landscape conservation
3. Watersheds, aquifers, and wetlands
4. Natural hazards and climate change
5. Land resources
6. Sustainable settlements
7. Integrative planning and management

Each module examines environmental concerns, associated land use planning and management goals and practices, and illustrative cases. At the conclusion of this course, you should be able to

- Describe cross-cutting planning practices that can apply to any environmental concern.
- Explain different types of environmental concerns, and identify specific planning practices to address them.
- Integrate knowledge and planning responses across different types of environmental concerns.

Course Format

The course has a Canvas site containing all course materials and grades. Instructor office hours are by appointment. Email is the best way to reach the instructor: kifrank@ufl.edu.

Required text: *Environmental Land Use Planning and Management, 2nd Edition* (2011) by John Randolph, Island Press.

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

Assignments and Grading

Assignment	Instructions (see Canvas)	% of Grade	Due
<i>Attendance</i>	Come to class, be prepared, and participate in discussions and exercises	15%	Each class
<i>Weekly quizzes</i>	Twelve 20-min quizzes based on the week’s readings, open-book	30%	In class, see schedule below
<i>Public meeting report</i>	Attend and report on one environmental planning public meeting	10%	Thu Oct 20 11:59pm
<i>Case study report</i>	Choose an environmental planning case; describe its planning practices, outputs, and outcomes	15%	Thu Oct 13 11:59pm (selection), Thu Nov 3 11:59pm (report)
<i>Case study presentation</i>	Give a 10-min presentation of your case study to the class	5%	Nov 10-17 in class
<i>Plan evaluation</i>	Evaluate an environmental plan using each course module	25%	Thu Dec 15 11:59pm

An “A” grade requires demonstration of 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 then an additional 10% for each week they are late (including weekends). *Missed class* and *makeup work* are allowed with acceptable, documented, and prompt reasons for absence, with communication to the instructor as early as possible:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>. The terms of making up missed work will be determined by the instructor in discussion with the student.

The relationship between letter grades and numeric grades is: (≥ 93.0), A- (≥ 90.0), B+ (≥ 87.0), B (≥ 83.0), B- (≥ 80.0), C+ (≥ 77.0), C (≥ 73.0), C- (≥ 70.0), D+ (≥ 67.0), D (≥ 63.0), D- (≥ 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.

Accommodation for Students with Disabilities

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation and assistance with providing reasonable accommodation.

Student Honor Code and Academic Honesty

Students MUST follow the University's Honor Code, which includes issues of cheating, plagiarism, and honesty. Please see <http://www.correspondencestudy.ufl.edu/students/handbook/Plagiarism/PlagiarismAlert.html> for guidance to avoid plagiarism and other Honor Code violations. *I will screen all assignments for plagiarism using the text-matching tool Turnitin (<http://turnitin.com/static/index.html>).* Students must submit work that is original to this course, i.e., not the student's work from another course, unless it is used as a reference and properly cited.

About Professor Frank



Dr. Frank specializes in environmental planning for sustainability. Specific areas of specialization include sea level rise adaptation, ecosystem and watershed management, regional planning, rural planning, collaborative planning, and youth participation in planning. She previously worked as a planning consultant and environmental engineer. She received 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

<i>Class Date</i>	<i>Topics</i>	<i>Reading Due</i>	<i>Quiz or Assignment Due</i>
<i>Week 1 Aug 25</i>	Course overview and class introductions		
<i>Module 1 – Environmental Planning Framework and Crosscutting Methods</i>			
<i>Week 2 Sep 1</i>	Environmental issues, ethics, planners, and plans	Ch. 1-3	Quiz 1
<i>Week 3 Sep 8</i>	Collaboration and GIS	Ch. 4-5	Quiz 2
<i>Module 2 – Landscape Conservation</i>			
<i>Week 4 Sep 15</i>	Landscape conservation ecology	Ch. 10 pp. 317-328, 11, 15	Quiz 3
<i>Module 3 – Watersheds, Aquifers, and Wetlands</i>			
<i>Week 5 Sep 22</i>	Watersheds	Ch. 7 (not appendices), 8	Quiz 4
<i>Week 6 Sep 29</i>	Aquifers and wetlands	Ch. 9, 10 (342-363)	Quiz 5
<i>Week 7 Oct 6</i>	Field trip		
<i>Module 4 – Natural Hazards and Climate Change</i>			
<i>Week 8 Oct 13</i>	Natural hazards	Ch. 13	Quiz 6 Submit case study selection
<i>Week 9 Oct 20</i>	Climate change	Ch. 12	Quiz 7 Public meeting report
<i>Module 5 – Land Resources</i>			
<i>Week 10 Oct 27</i>	Land resources	Ch. 6	Quiz 8
<i>Week 11 Nov 3</i>	Integrated land use planning	Ch. 14	Quiz 9 Case study report due

Module 6 – Sustainable Settlements			
<i>Week 12</i> <i>Nov 10</i>	Sustainable cities	Ch. 16, 17	Quiz 10 Case study presentations
<i>Week 13</i> <i>Nov 17</i>	Regional, state, and federal growth management	Ch. 18	Quiz 11 Case study presentations continued
<i>Week 14</i> <i>Nov 24</i>	No class - Thanksgiving		
Module 7 – Integrative Planning and Management			
<i>Week 15</i> <i>Dec 1</i>	Adaptive ecosystem management Course review	Ch. 19	Quiz 12
<i>Week 16</i> <i>Dec 8</i>	No class – reading day		
<i>Week 17</i>	<i>Finals week</i>		Plan evaluation due on Thu Dec 15 11:59pm.