Environmental Science, Policy, and Criminology in Scotland and England  
FW/MC 481: Global Issues in Fisheries and Wildlife  
Summer Session, 2013 (May 29th – June 28th w/ pre-course preparation beginning in March)

Scope of the Course:
MC/FW 481 investigates the influence of globalization on aquatic and terrestrial natural resources systems, their management, and governance. The course focuses on how advances in communication, transportation, and technology affect, both positively and negatively, the linkages between human and natural system. To adequately represent the ecological, geographic, economic, societal, cultural, and political issues of this topic, the course will include a variety of case studies and guest lectures.

Course Goals and Objectives:
- Gain an appreciation for the complexity of global issues that affect fisheries and wildlife resources and the multidisciplinary approach required for future sustainability;
- Increase knowledge of global issues affecting fisheries and wildlife populations, communities, and ecosystems;
- Demonstrate the trans-boundary and multidisciplinary aspect of global issues related to fisheries and wildlife resources their productivity, stability, preservation, and governance;
- Develop critical understanding of the literature and analytical skills to assess global issues related to animal and plant species, their habitats, and humans;
- Apply what is learned from the lectures and readings in identifying current and future issues that may impact the value of fisheries and wildlife resources and their governance.

Course Readings:
Other specific readings will be assigned throughout the course and provided to the students.

Grade Determinants:
Angel Posting 20%  
Journals 15%  
End of the Line Paper 10%  
Hooked Paper 10%  
Final Term Paper 30%  
Class Attendance & Participation: 15%  
100%

Angel Postings (20%)
Pre-lecture materials (articles, websites, etc.) will be made available under this course’s group located on ANGEL (http://angel.msu.edu). These materials will provide a necessary background
Learning Points-Reflective-Journal (15%)

Students are required to take notes during all program related lectures and experiential activities. Students will be expected at the end of each instructional day to reflect on what they have learned, as well as to relate their learning to previous learning related to the U.K. and E.U. as well as the U.S.A. Comments on learning/experiences outside the instructional hours which are contributing to their learning experience are encouraged to be included. The purpose is to assist the student in understanding and integrating the intense, integrative, instructional objective of the program. As well as assisting instructors in evaluating students’ comprehension and integrative abilities.

Paper Assignments (10% each)

Each student will be required to type two short papers for this class that demonstrate your ability to understand and integrate class material addressing the impact of globalization on fisheries and wildlife resources and their governance/management.

- Each paper should be between 3-5 pages, double space, 1-inch margins, and 12-point Times New Roman font.
- You will need to use information from multiple lectures and class reading materials to provide an overview of the topic, evaluate the issue, demonstrate an understanding of the relevant coupled human and natural systems, and provide recommendations.
- Support your statements using the information from books and program experiences. No external (non-lecture based) required.
- Papers will be graded based on:
  - The clear and brief overview of the issue;
  - The proper use of reading material and lectures to support your argument;
  - The synthesis of what you have learned from this class to make your own recommendations;
  - The use of appropriate references; and,
  - The persuasiveness of your arguments.

- Late papers will receive deductions of 5% for each hour late.

Proposal for Term Paper

You will choose a fish or wildlife related natural resource topic of interest and explore how it is influenced by globalization. You should informally discuss potential topics with your instructors prior to submitting your proposal (email/after class).

- You will need to submit a brief proposal (two to three paragraphs, double spaced, 12-size font, 1-inch margins) on your desired topic.
- In this brief proposal, you will tell us:
  - What fish or wildlife related environmental problem/issue you have chosen;
Why you are interested in this topic; and,
Why this is an important topic.

- Late proposals will receive deductions of 5% for each hour late.

**Final Term Paper (30%)**
Upon approval of your proposal, you will write a five-section paper. Your term paper will differ from your short papers in that it will demonstrate more thorough investigation of your topic with greater thought, research and insight. Synthesis of all relevant reading and lecture material covered is necessary to support your thesis and recommendations. The five sections of your paper, with rough approximations of the typical page ranges for each section in parentheses on the right, are described below. Of course, you may write more or less in any given section depending upon the problem/issue you have chosen.

First, persuade the audience why this topic is important and worthy of attention.  
(2-3 pages)

Second, provide a brief overview of the topic and how globalization has had an influence.  
(2 pages)

Third, describe the major actors (governance institutions, NGOs, etc) and their role(s). If relevant include those actors who have not participated in this problem/issue to date.  
(3-4 pages)

Fourth, Assess how the role of each actor has affected how globalization has influenced the topic.  
(2-3 pages)

Fifth, Using the information and facts you have found related to this topic discuss how you believe the future of this topic will develop – support your statements with relevant material from lectures (PowerPoint/reading materials) and external references.  
(2 pages)

- Your term paper should be about 12 to 16 pages, double space, 1-inch margins, and 12-point Times New Roman font.

- Term papers will be graded based on:
  - Clarity of your thesis.
  - Synthesis of what you have learned from this class to make your own recommendations.
  - Proper use of course material to support your arguments.
  - Use of relevant and timely external references to support your arguments and conclusions. External references need to include peer reviewed sources of information (i.e., journal article, conference proceedings, book). Any online reference must come from a reliable web-source (government web-sites, official non-government sites, etc. If you are unsure of the trustworthiness of a source, ask the instructors). If you are using Wikipedia, you need to consult and cite the internal citations, as applicable.
  - Logical structure of your paper.
  - Demonstrated understanding of the complexity of the issues being investigated for both natural and human systems.
  - Rationale of for your conclusions / recommendations for enhanced sustainability
of the fish or wildlife resource being investigated.

- Use in-text citation and a reference section. Follow the American Fisheries Society citation style (see angel course website for link and PDF).
- Late papers will receive deductions of 5% for each hour late.

Class Attendance & Participation (15%)
All students are expected to arrive to class on-time. Respectful and attentive behavior is expected from all students towards other students and lecturers. We expect lectures to generate a discussion among students and lecturers, thus questions and comments are encouraged both during and after the activities, depending on the invited guest’s preference.

American Fisheries Society In-Text Citation and Reference Styles
The below reference guidelines come from the American Fisheries Society Publication style guidelines. See the following webpage to download the entire PDF file for more in-depth instruction consult the class angel website or look at the reference information on the webpage: http://www.fisheries.org/html/publications/styleguide/styleguidetoc.shtml.

For lecture-based information (class notes, PowerPoints) you can use the following style:
- If the information is from your class lecture notes and not available elsewhere, such as on Angel:
  - In-text Citation: (Taylor 2007)
- If the information is available in electronic format, such as the class lecture PowerPoint Angel, use the format for referencing electronic sources to reference this material.
  - In-text Citation: (Taylor 2007)

Academic Honesty
FW/MC 481 will be conducted according to the university's policies on academic honesty/dishonesty. If you need clarification on these policies, please speak with the instructor or the College's Associate Dean for Undergraduate Studies. Article 2.3.3 of the Academic Freedom Report states "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the Center for Integrative Studies General Science adheres to the policies on academic honesty as specified in General Student Regulations 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. (See Spartan Life: Student Handbook and Resource Guide and/or the MSU Web site: www.msu.edu.)

Accommodations for Students with Disabilities
Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities at 517-884-RCPD or on the web at rcpd.msu.edu. Once your eligibility for an accommodation has been determined, you will be issued a Verified Individual Services Accommodation ("VISA") form. Please present this form to me at the start of the term and/or two weeks prior to the accommodation date (essay, project, etc.). Requests received after this date may not be honored.