

## **FANR 2200 International Issues in Conservation**

**Fall 2011 – 3 credits**

**Meeting time – 11am-12:15pm – Tue and Thurs**

**Place – Warnell 1-209**

### **Course Description**

It is envisioned that the course will embody an overview of natural resource policy from a world perspective. Topics of concentration would include endangered species, international trade, large-scale conservation planning, environmental education, eco-tourism, sustainability, private vs. public lands, and forest and land management. You should gain new perspective on natural resources and the meanings attached to those who live next to them. General format will be many guest lectures and discussions. This is meant to be a fun and informative course that will hopefully allow you to become better world citizens.

### **Course Outline**

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

1. Introduction to International Issues in Natural Resource Conservation
2. Perspectives on natural resources
3. Globalization of natural resource use and management
4. Players in international conservation
  - Government entities
  - Non government organizations
  - Private foundations
  - Industry
5. Policies and their effects on the ground
6. Endangered species
7. The continuum of conservation
8. Sustainability
9. Case studies addressing population growth, desertification, local resource use, land use change, access to natural resources, international policy implications for local populations, benefits of conservation, and site-specific issues.
10. Overview of International Conservation

### **Course Expectations**

Students will develop an understanding of the complexities of international aspects of natural resource management. This course will serve to integrate technical aspects of natural resource management by approaching problems using cross-discipline perspectives. Students will be expected to synthesize the latest literature and current events into the context of major conservation issues. In addition, students will be expected to develop at least a basic understanding of cultural sensitivities when dealing with these issues. It is expected that this course will have broad appeal to students in natural resources as well as students from other disciplines seeking a global perspective.

### **Course Format**

Each week there will be a lecture/discussion each week. These will be supported by reading assignments and you are required to come to class prepared. There will be one presentation and a semester paper. We will have a mid-term and a final exam. Please get a 3-ring binder to use as a record of the class. I will collect these as part of your grade near the end of the semester. As class participation is a large part of your grade, failure to attend will result in failure in the class.

### **Grading**

Students will be evaluated using a variety of measures including participation in class, individual and team projects, and written assignments on pertinent topics. Since this is a discussion class attendance is required.

Attendance

10%

Class participation	10%
Weekly articles and questions	20%
Semester paper	20%
Midterm	20%
Final	20%

### **Presentations and Papers**

Presentation One – This is a 10 minute presentation using Powerpoint on an international conservation topic. This is an individual project. You must send me the pp presentation via email by 4pm the previous day. For this presentation, make sure you format the slides such that I can print out notes for everyone. Reminders – 10 minute talk means about 10 slides. Title slide should include your title, your name, and etc. Grading for these will be A, C, F.

Paper – These are expected to be 10-12 pages long. Follow standard review paper format. I expect to see at least 10 citations in the Literature Cited Section. No more than 5 of these can be from the web or from “popular” literature. Same format for grading.

Weekly assignments – I expect these to be typed and handed in on time with a copy of the original article. Grading is the same as above – and late is an F.

### **Text and Readings**

Text for the course are optional: Klare, M.T. Resource wars: The new landscape of global conflict. Clutter, S. Exploitation, conservation, preservation: a geographical perspective on natural resource use. Hertsgaard, M. Earth odyssey: Around the world in search of our environmental future. These are not required, but are to provide provocative fodder for discussion with you. Other readings will be assigned.

### **Academic Honesty**

Students in this course are expected to read and follow the University of Georgia Honor Code and Academic Honesty Policy. In addition, the Warnell School of Forestry and Natural Resources has a School level policy. Both of these can be found at the UGA website.

### **Instructor**

Dr. John P. Carroll  
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## Tentative class schedule

16-18 August- Course introduction, planning, and continuum of conservation, and natural resources

16 Aug – Introduction

18 Aug – Class discussion on Hardin—read article right away

Readings to do for 23 August – Leopold, Mann

23-25 August- Concept of the commons and conservation aesthetic

23 August – Class discussion on Leopold

25 August – Class - discussion of Mann article

**Due** – One page, typed and double spaced, summary article on Mann. This should be your assessment of the authors' thesis. I want well thought out and argued points.

Read for 1 Sept – IUCN overview, SSC strategic plan

30 August-1 September- Global conservation

30 Aug – Class – Lecture on global conservation

1 Sept - **Due** – One page summary of an article that you locate on the work of the IUCN from a country in South America, Africa, or Asia—must have a 2010-2011 date. Include a photocopy of the article.

1 Sept – Class discussion on IUCN and SSC articles

6-8 September – Developing world issues

6 Sept – Lecture on human and conservation issues by Kerrie-Anne Loyd

8 Sept. – Lecture on African bushmeat issues by Jena Hickey

13-15 September – Developing world issues

13 September – Lecture on Sierra Leone and conservation by April Conway

15 September – Lecture on Thailand conservation issues by Ree Tanasarnpaiboon

20-22 September- Developing world issues

20 Sept – Discussion

20 Sept – **Due** – One page summary on an important environmental issue in Africa other than wildlife.

Pick this from a non-American newspaper—preferably an African based newspaper—include the article.

22 Sept – Role playing exercise—Wildlife human conflicts on Sumatra.

27-29 September- Forest management private and public ownership

27 Sept – Guest lecture by Jacek Siry

29 Sept – Introduction to food production

4-6 October – Sustainable food production

4 Oct – Moved to 6 Oct. **Midterm test**

6 Oct - **Due** – One page type discussion of an article taken from a **non-American** newspaper on food issues. Please bind with a copy of the article.

6 Oct – Moved to 4 Oct. Discussion on global food issues

6 Oct – Due – Title and one paragraph describing your semester paper

11-13 October – GM agriculture

11 Oct – GM lecture

11 Oct – **Due** - One page current topics paper using a **European model** (newspaper etc) on GM crops or animal cloning. Include a copy of your article

13 October – Guest lecture by Bob Cooper on coffee production and birds

18-20 October – Agriculture global fishing

18 Oct – Finish Ag

20 Oct - **Due** – One page current topics paper on global fisheries and conservation. Include a copy of your article

20 Oct – Guest lecture on global fishing issues by Cecil Jennings

25-27 October - Sea turtle conservation and global water issues

25 October – Guest lecture on sea turtle conservation by Brian Shamblin

27 October – No class.

1-3 November - Global resource crisis

1 Nov – Peak Oil lecture.

3 Nov – Finish Peak Oil

8-10 November – Energy

8 Nov – Overview of Alternative Energy

10 Nov – Biomass Energy Lecture by CJ Tsai

15-17 November – Energy and Water

15 Nov. – Solar energy

17 Nov. – Water lecture by Bruce Beck

22 November– Summary

22 Nov. -

29 November -1 December– Summary

29 Nov. - Jeopardy

1 Dec - Semester paper due

## Paper and Presentation Ideas

Ecotourism – global issues or case studies

Commercial fishing

Mineral exploitation

Temperate forestry

Tropical forestry

Global agriculture

Energy issues

Bushmeat trade

Endangered species issues

Coral reef issues

Water and air pollutions issues

Urbanization

Problem wildlife

Human population growth