CAMOSUN COLLEGE	***School of Arts & Science*** ***SOCIAL SCIENCES DEPARTMENT*** **GEOG 220-002** **Natural Resource Systems** **Semester 2006F**

COURSE OUTLINE

The Approved Course Description is available on the web @
www.elkin.disted.camosun.bc.ca

1. Instructor Information

(a)	Instructor:	Tim Elkin		
(b)	Office Hours:	Mon 10.30-12.30am; Tues-Thurs 10.30-11.30am		
(c)	Location:	E238		
(d)	Phone:	370-3115	Alternative Phone:	
(e)	Email:	elkint@camosun.bc.ca		
(f)	Website:	www.elkin.disted.camosun.bc.ca		

2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Describe and explain the major concepts underlying the management of natural resources.
2. Apply these management concepts to the management of specific natural resource systems.
3. Identify and discuss significant contemporary factors that influence the management of natural resources.

3. Required Materials

(a)	Texts	Roberts J., 2004, Environmental Policy. Routledge.
(b)	Other	Course Readings 2006F

4. Course Content and Schedule

TOPICS AND READINGS

Week starting

Week 1 Introduction to the course
Sept. 5- Course overview

Week 2 **Defining natural resources**
Sept. 11- Environmental capital and environmental services; resource scarcity and depletion

Text
Roberts, Ch. 1. *So what's the problem?*

Lab: Discussion: What's the problem?
The environmental problem has been greatly exaggerated.
(All essays must be posted on WebCT by the time of the discussion)

Course Reading
Margaret Wente, 2005. *The big boom in doom and gloom*; 2006, *Puh-leez: It's food artisan, not farmer.* Globe and Mail.

Interview with Jared Diamond, *Societies Choose to Fail or Succeed: Looking to history for today's survival strategies*. Sierra Magazine. May/June 2005.
http://www.sierraclub.org/sierra/200505/interview.asp

Week 3 **Understanding the causes of overuse of natural resources**
Sept 18- Worldviews: the role of values in determining attitudes and behaviour; Resource ownership; Hardin's tragedy of the commons; addressing uncertainty - the precautionary principle and adaptive management

Text
Roberts, Ch. 2. *The roots of environmental problems*.

Course Reading
Tony Blair, 2006. *Our values are our guide*. Globe and Mail.

Lab: Case study
Course Reading
Mulrennan, Case Five: *Atlantic Sealing: Immoral Slaughter or Sustainable Harvest*

Week 4 **Examining goals for resource management**
Sept 25- Addressing resource scarcity (Malthus; limits to growth study) and the emergence of the concept of sustainable development; ecosystem approach

Text
Roberts, Ch. 3. *Sustainable development and the goals of environmental policy.*

Lab: Discussion: Contrasting worldviews
The Malthusian perspective should be the basis for public policy.
(All essays must be posted on WebCT by the time of the discussion)

Course Reading
William Rees, *Is There Intelligent Life on Earth?*

Recommended
Jared Diamond, 2005, Collapse, Ch. 13: **"***Mining" Australia* (pp. 378-416). Penguin Books
In this article Jared Diamond argues that the modern world should lower its standard of living, in anticipation of future problems, before being forced in desperation to do so.

Week 5 **Jurisdiction of natural resources**
Oct 2- **Natural resources and First Nations' sovereignty**

Course Reading
Booth, A. and N. Skelton, *First Nations Access and Rights to Resources*, in Mitchell B., 2004, (ed.) Resource and Environmental Management in Canada (Toronto: Oxford) Ch. 3, pp. 80-103

Lab: Discussion: First Nations sovereignty
First Nations aboriginal right to natural resources is just.
(All essays must be posted on WebCT by the time of the discussion)

Week 6 Thanksgiving Holiday
Oct. 9-

Lab: Case Study
Course Reading
Mulrennan, Case Seven: *Polar Bears: The Politics of Protection*

Week 7 **International context for resource management**
Oct 16- Text
Roberts, Ch. 7. *International environmental policy making.*

Lab: Discussion: Globalization and trade
Globalization and free trade are both good for Canada and good for the world
(All essays must be posted on WebCT by the time of the discussion)
Course Reading
Eberts, D., *Globalization and Neo-Conservatism: Implications for Resource and Environmental Management* in Mitchell B., 2004, (ed.) Resource and Environmental Management in Canada (Toronto: Oxford) Ch. 2, pp. 54-79

Recommended
Jared Diamond, 2005, Collapse, Ch. 12: China, *Lurching Giant* (pp. 358-377) Penguin Books.
In this article Jared Diamond argues that China's environmental problems and demand for resources is a world concern. The world cannot sustain China and other Third World countries and current First World countries all operating at First World levels

Week 8 **Economics of resource management**
Oct. 23- Text
Roberts, Ch. 8. *Environmental economics.*
Video: Water, water, everywhere….

Lab: Discussion: Energy Supply and Pricing
Canada must raise the price of energy to address a supply crisis
(All essays must be posted on WebCT by the time of the discussion)

Course Reading
William Rees, 2004, *Energy Supply and Pricing for a Sustainable Future*

Lawrence Solomon, *Just don't do it: The Harper government can easily achieve a Kyoto alternative.* Terence Corcoran, *Kyoto's dead: What's next?* Financial Post, May 31 2006

Week 9 Oct. 30- Exam

Environmental assessment and resource management

Week 10 Nov 6- **Lab: Case study**
Course Reading
Mulrennan, Case Two: *Great Whale: Lessons from a Power Struggle*

Research paper
Students work on their research paper

Week 11 Nov.13- Remembrance Day Holiday

Lab: The 'Windy Craggy' Project, an environmental assessment
Course Reading
Mary Page Webster, *The Windy Craggy Experience.*
Fraser Institute.
http://oldfraser.lexi.net/publications/forum/1998/january/cover_story.html.

BC Spaces for Nature, *Windy Craggy Retrospective.*
http://www.spacesfornature.org/windycraggy.html

Week 12 Nov. 20- **Introduction to Group Project:** BC Hydro's Site C Project, an environmental assessment
Video: *Footprints in the Delta*

Course Reading
BC Hydro's Site C Project Readings

Lab: Case Study
Course Reading
Mulrennan, Case Six: *Sustainable Agriculture and Biodiversity Conservation in the Prairie Provinces*

Week 13 Nov. 27- **Lab: Case Study**
Course Reading
Mulrennan, Case Eight: *Banff National Park: Defining Ecological Integrity*

Lab: Case Study
Course Reading
Mulrennan, Case One: Fraser River: The Mystery of the Missing Sockeye

Research paper due in class, Nov 27/28

Week 14 Dec 4 Site C Group Project
Students work on group project

Site C Group Project: *Presenting the decision*

5. Basis of Student Assessment (Weighting)

(a)	Labs	30%
(b)	Paper	25%
(c)	Exams	35%
(d)	Group Project	10%

6. Grading System

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
95-100	A+		9
90-94	A		8
85-89	A-		7
80-84	B+		6
75-79	B		5
70-74	B-		4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at **camosun.ca** or information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	*Incomplete*: A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	*In progress*: A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
CW	*Compulsory Withdrawal:* A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at **camosun.ca** for information on conversion to final grades, and for additional information on student record and transcript notations.

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**.
It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services and on the College web site in the Policy Section.