



COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/geog.html>

Ω Please note: the College electronically stores this outline for five (5) years only.  
 It is **strongly recommended** you keep a copy of this outline with your academic records.  
 You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

1. Instructor Information

(a)	Instructor:	Tim Elkin		
(b)	Office Hours:	Wed 12.30-1.20; Thurs 10.30-11.20; 1.30-2.20; Fri 11.30-12.20		
(c)	Location:	E238		
(d)	Phone:	370-3115	Alternative Phone:	
(e)	Email:	elkint@camosun.ca		
(f)	Website:			

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

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

Roberts J., 2011, Environmental Policy Routledge  
 Gore C. and P. Stoett, 2009 (eds.), Environmental Challenges and Opportunities (Toronto: Emond Montgomery)

4. Course Content and Schedule

Week starting

**Week 1 Sept. 7-**

Introduction to the course

Course overview

Reading

**Stoett Peter and Christopher Gore, *Introducing the Global-Local Dimension* in Gore C. and P. Stoett, 2009 (eds.) Environmental Challenges and Opportunities**

**Mitchell B., *Policy and Practice – Issues, Challenges and Opportunities* in Mitchell B., 2010, (ed.) Resource and Environmental Management in Canada (Toronto: Oxford) Ch. 1, pp. 1-18 (on D2L)**

**THEME: JURISDICTION OF NATURAL RESOURCES IN CANADA**

**Week 2 Sept. 14-**

**CLASS 1: LECTURE**

**Jurisdiction of natural resources**

International and national jurisdiction; Constitution Act; federal and provincial jurisdiction; Indigenous rights

**CLASS 2: Case Study**

**Case study: Federal versus provincial control of resources**

Reading

**Paehlke, Robert, *Global politics comes to Fort McMurray: Energy and climate change. Ch. 11 in Gore C. and P. Stoett, 2009 (eds.) Environmental Challenges and Opportunities***

Video: Tar Sands: Canada for Sale

**THEME: UNDERSTANDING CONCEPTS**

**Week 3 Sept. 21-**

**CLASS 1: LECTURE**

**Defining natural resources:** Environmental capital and environmental services; recognizing complexity and uncertainty; sustainability; resource depletion

Reading

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

**CLASS 2: DISCUSSION**

*ONLINE DISCUSSION: Resource depletion: Fact or fiction?*

**Week 4 Sept 28**

**CLASS 1: LECTURE**

**Understanding the causes of overuse of natural resources:** Worldviews: role of values in determining attitudes and behaviour; resource ownership; Hardin's tragedy of the commons; examining resource scarcity

Reading

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

CLASS 2: Case Study

**Case study: Examining resource depletion: Case of biodiversity**

Reading

*Bocking Stephen, Making Space for Species: local and Global Challenges of Biodiversity. Ch. 2 in Gore C. and P. Stoett, 2009 (eds.) Environmental Challenges and Opportunities*

Video: The end of the line

**Week 5 Oct 5**

**CLASS 1**

**QUIZ 1**

CLASS 2: online assignment

*Managing economic growth and resource depletion in a finite world*  
Podcast

**Week 6 Oct 12**

**CLASS 1: LECTURE**

**Examining goals for resource management:** Addressing resource scarcity (Malthus; limits to growth study) and the emergence of the concept of sustainable development; ecosystem approach; assessing sustainability

Reading

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

CLASS 2: Case Study

**Case Study: Sustainability, economics and salmon aquaculture in BC**

Reading

*Volpe John and Karena Shaw, Fish Farms and Neo-liberalism: Salmon Aquaculture in BC. Ch. 6 in Gore C. and P. Stoett, 2009 (eds.) Environmental Challenges and Opportunities*

Video: Net Loss: the storm over salmon farming

**THEME: INTERNATIONAL CONTEXT AND RESOURCE MANAGEMENT**

**Week 7 Oct 19**

**CLASS 1: LECTURE**

**International environmental policy making**

Globalization and neo-liberalism; internationalization; free trade

Reading

Roberts, Ch. 7 *International environmental policy making*

CLASS 2: Case study

**Case study: International policy, the Arctic and polar bear protection**

Reading

*Boardman, Robert, Polar Bears and the Canadian Arctic: local Communities in a Globalizing World. Ch. 12 in Gore C. and P. Stoett, 2009 (eds.) Environmental Challenges and Opportunities*

**THEME: ROLE OF SCIENCE AND ECONOMICS IN RESOURCE MANAGEMENT**

**Week 8 Oct 26**

CLASS 1: LECTURE

**Science, Technology and Policy**

Science and policy making; uncertainty, precautionary principle and adaptive environmental management

Reading

Roberts, Ch. 4. Science and Technology: Policies and Paradoxes

CLASS 2

**QUIZ 2**

**Week 9 NOV 2**

CLASS 1: LECTURE

**Economics and resource management**

Reading

Roberts, Ch. 8. *Environmental economics*

CLASS 2: Discussion

ONLINE DISCUSSION: Students choose one of three topics (see D2L)

**Week 10 Nov 9**

CLASS 1: REMEMBRANCE DAY

CLASS 2: PROJECT (in GP lab)

Examining feasibility of renewable energy

Reading

*Etcheverry J., Local and Global Energy Needs: Toward a Renewable Future. Ch. 10 in Gore C. and P. Stoett, 2009 (eds.) Environmental Challenges and Opportunities*

**Week 11 Nov 16**

CLASS 1: Discussion

ONLINE DISCUSSION: Students choose one of three topics (see D2L)

**THEME: DECISION MAKING IN RESOURCE MANAGEMENT**

CLASS 2: LECTURE

**Natural resources and decision-making**

Decision making process; environmental assessment

**Week 12 Nov 23**

**Decision making in practice: Case of BC**

CLASS 1

**The Windy Craggy Project: Examining the Tatshenshini-Alsek wilderness preservation decision**

*Part 1: Examining resource interests*

Reading

[Interim Report on Tatshenshini-Alsek Land Use, British Columbia: Volume 2: Appendices](#) British Columbia. Commission on Resources and Environment, 1993

*Part 2: Making the decision*

Reading

BC Hydro, *Making Decisions*

T. L. McDaniels, *An analysis of the Tatshenshini-Alsek wilderness preservation decision*, Journal of Environmental Management (1999) 57, 123–141

CLASS 2

**Energy Policy in BC: Making a decision on the Site C Project**

*Part 1: Examining energy supply options for BC*

Reading

BC government, 2007, [The BC Energy Plan](#)

*Part 2: Assessing the Site C Project*

Reading

BC Hydro, 2013, [Site C: Environmental Impact Statement](#)

**Week 13 Nov 30**

CLASS 1

**QUIZ 3**

CLASS 2

RESEARCH PAPER

**Week 14 Dec 7**

CLASS 1/2

**5. Basis of Student Assessment (Weighting)**

Online/in-class work (case study definitions; assignment; discussion)	= 37%
Paper	= 40%
Quizzes	= 15%
Project	

**6. Grading System**

*(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College for approval.)*

**Standard Grading System (GPA)**

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	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 E-1.5 at [camosun.ca](http://camosun.ca) for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> 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	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3<sup>rd</sup> course attempt or at the point of course completion.)</i>
CW	<i>Compulsory Withdrawal:</i> 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.

**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](http://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 the College web site in the Policy Section.

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ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED