REM 200-3 Course Syllabus
Introduction to Resource and Environmental Management in Canada

Instructor:	Duncan Knowler	Office:	TASC1 8427
Telephone:	(778) 782-3421	Email:	djk@sfu.ca
Term:	2018-1	Classroom:	Mon 9:30 - 10:20, AQ 3005
Office hours:	Wed 1:00 to 3:00, or by appointment		Wed 9:30-10:20, AQ 3005

Course Description

This course explores the natural and social science foundations of resource and environmental management and demonstrates how that knowledge can be used in environmental decision-making. Although we focus on the Canadian context, the course provides a basic understanding of the nature and management of natural resources, strategic thinking for environmental planning, socio-economic and biophysical trade-offs in natural resource decision-making and approaches for addressing uncertain knowledge. Each week, students participate in two hours of lecture and a one-hour tutorial for discussion and practical work. New topics in resource and environmental management are introduced weekly and students are exposed to the relevant concepts and methods in an initial lecture. In the second weekly lecture students hear from a guest expert in REM, who discusses their research in the topic area. The course encourages interaction with experts in diverse fields and encourages students to experience REM case studies. Tutorial sessions involve discussion of course concepts, individual and group project work and practical applications.

Course Pre-requisites

Students must have one of REM 100, GEOG 100 or 111 or EVSC 100, and have completed at least 30 credits.

Course Learning Outcomes

After completing REM 200, students will be able to:

- identify and describe the basic linkages between physical earth processes, ecology, policy, economics and institutions/culture regarding natural resources and the environment;
- describe the strategies and techniques of resource and environmental management and identify knowledge needed to solve an environmental problem;
- identify how uncertainty is taken into account in environmental decision-making;
- demonstrate awareness of potential conflicts in resource and environmental management decision-making;
- work effectively in a group setting to investigate an environmental management problem.

Student Evaluation

The course grade will be determined as follows:

1. *Assignments* (40%) – Students complete two assignments worth 20% each that require them to apply core concepts to problems in resource and environmental management.
2. *Tutorials* (20%) – Students are required to attend tutorials and participate in tutorial discussions (10%); students missing more than one tutorial without documentation lose 1% per tutorial missed to a maximum of 10% of their grade. Students also participate in a group presentation that is marked individually (10%).
3. *Final Exam* (40%) – Students write a final exam covering all of the course material. Note that the material presented each week by guest lecturers is examinable.

Required Text and Readings

Text is: Bruce Mitchell, *Resource and Environmental Management in Canada*, Fifth Edition, Oxford University Press, 502pp (2015), ISBN 978-0-19-900988-6. It can be purchased and is available on Reserve in the library. Additional online (electronic) readings and all course materials (including class slides) will be uploaded to the course website.