

Environment and Natural Resources

Geography and Environmental Studies: GEOG/ENST 3022A

Dr. Jeremy Schmidt: jeremy.schmidt@carleton.ca

Office Hours: Tuesday's 1pm-2pm; Loeb A301D, or by appointment

Class Time: 8:35-11:25am, Friday

Class Location: Southam Hall 624

Prerequisite: Third-year standing in Geography or Environmental Studies or departmental permission

I. Course description:

Environmental and resource management concerns are key aspects of many of the most significant social, political, and economic challenges of our time. The issues are complex, the competing views about what to do are numerous, and the roles and expectations of government, industry, and civil society are shifting.

This course enables students to understand the historical approaches, multiple techniques, and contemporary problems of resource management and environmental governance. It is designed to provide conceptual and practical competencies that will enable students to comprehend and assess the implications of different approaches to environmental and resource management challenges.

II. Texts: There are two (2) required books for this class. They are available at Haven Books (43 Seneca Street) and on 2-hour reserve at the library. Additional readings will be provided electronically.

1. Richard White, *The Organic Machine: The Remaking of the Columbia River* (New York: Hill and Wang, 1995).
2. Tania Li, *Land's End: Capitalist Relations on an Indigenous Frontier* (Durham: Duke University Press, 2014).

III. Course calendar:

There are three (3) assignments in this class. Further instructions will be given in advance of each.

- **October 7.** Media Scan (20%) Students will present an annotated overview of popular framings of a selected environmental or resource issue as a first component of their project proposal.
- **October 21.** Midterm (25%). Students will complete an open-book examination.
- **November 25.** Project Proposal (35%). Students will prepare a proposal for a research project that they would be interested in pursuing. Additional instructions will be provided.
- **Various.** Short Assignments (20%): At various times during the course, students will complete short, in-class assignments, some of which will be based on course readings.

IV. Evaluation:

- All assignments must be clearly labeled with your name and University ID number.
- The criteria for grading written assignments includes: (1) Clear writing (including spelling & grammar); (2) Correct citation formats. In this class students **MUST** use APA style for citations (see this web resource for more information: <https://www.library.cornell.edu/research/citation/apa>), and (3) Careful description of, and critical perspective towards, competing ideas.
- Late assignments policy will lose 10%, and an addition 5% per day until they are submitted to a maximum of 30% penalty. Assignments submitted more than 10 days late may not be accepted.
- Students must complete all assignments and examinations to pass the course.

V. Topics and Readings

- Week 1: Introduction (Sept 9)
- Week 2: Resource Calculations (Sept 16) READING: (1) Scott, (2) McGee
- Week 3: Resource Histories (Sept 23) READING: (1) White, *The Organic Machine*
- Week 4: Resource Planning (Sept 30) READING: (1) Holling and Meffe, (2) Rittel and Weber
- Week 5: Environmental Complexity (Oct 7) READING: (1) Bryan G. Norton, (2) Aldo Leopold
- Week 6: Ecosystem Services (Oct 14) READING: (1) Costanza et al., (2) Kosoy and Corbera
- Week 7: Midterm (October 21) READING: none
- Week 8: FALL BREAK, NO CLASSES (October 28)
- Week 9: Contesting Environments (Nov 4) READING: (1) P. Nadasdy, (2) G. Gaard
- Week 10: Everyday Environments (Nov 11) READING: Li, *Land's End*: "Introduction," + Chpt 1&2
- Week 11: Everyday Environments (Nov 18) READING, Li, *Land's End*: Chapter's 3-5.
- Week 12: Urban Environments (Nov 25) READING: (1) N. Anand, (2) A. Aylett
- Week 13: Planetary Boundaries (Dec 2) READING: (1) Rockström et al.
- ^a Week 14: (Dec 9) ***CU RUNS MONDAY SCHEDULE, NO CLASS***

VI. Academic Standing

Standing in a course is determined by the course instructor subject to the approval of the Faculty Dean. This means that grades submitted by the instructor may be subject to revision. No grades are final until they have been approved by the Dean.

VII. Course Grades

In accordance with the Carleton University Calendar, the letter grades assigned in this course will have the following percentage equivalents:

A+ = 90-100	B+ = 77-79	C+ = 67-69	D+ = 56-59	F = <50
A = 85-90	B = 73-76	C = 63-66	D = 53-56	
A- = 80-84	B- = 70-72	C- = 60-62	D- = 50-52	

VIII. Academic Integrity and Plagiarism

Students must abide by Carleton University's Academic Integrity Policy. It can be found at: <http://www2.carleton.ca/studentaffairs/academic-integrity>.

The University Senate defines plagiarism as "*presenting, whether intentionally or not, the ideas, expression of ideas or work of others as one's own.*" This can include: (1) reproducing or paraphrasing portions of someone else's published or unpublished material, regardless of the source, and presenting these as one's own without proper citation or reference to the original source; (2) submitting a take-home examination, essay, laboratory report or other assignment written, in whole or in part, by someone else; (3) using ideas or direct, verbatim quotations, or paraphrased material, concepts, or ideas without appropriate acknowledgment in any academic assignment; (4) using another's data or research findings; (5) failing to acknowledge sources through the use of proper citations when using another's works and/or failing to use quotation marks; (5) handing in "substantially the same piece of work for academic credit more than once without prior written permission of the course instructor in which the submission occurs."

Plagiarism is a serious offence that cannot be resolved directly by the course's instructor. The Associate Dean of the Faculty conducts a rigorous investigation, including an interview with the student, when an instructor suspects a piece of work has been plagiarized. Penalties are not trivial. They can include a final grade of "F" for the course.

IX. Academic Accommodations

You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

Pregnancy obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide.

Religious obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide.

Academic Accommodations for Students with Disabilities: The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (if applicable).