

# ENVIRONMENT AND DEVELOPMENT IN A GLOBAL PERSPECTIVE FALL 2019

## GEOG 203

### CLASS SCHEDULE

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Section	Location	Time	Instructor(s)
GEOG 203 001	HH 1101	Mondays & Wednesdays 8:30 a.m. - 9:50 a.m.	Johanna Wandel jwandel@uwaterloo.ca

### INSTRUCTOR / TA INFORMATION

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Office hours: Tuesdays; 3:00-5:00 p.m. in EV1-326

TA Office hours TBD.

### COURSE DESCRIPTION

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#### *Calendar Description for GEOG 203*

Examines the interface between human development and the environment in a global context. Various perspectives are explored to link environmental issues to wealth, poverty, consumption, population, and economic globalization. Case studies, with an emphasis on developing countries, are used to illustrate linkages.

Prereq: ENVS 195, ENVS 205, or GEOG 101

## LEARNING OUTCOMES

### By the end of this course students should be able to:

Explain how human societies and the environment interact to create contemporary environmental problems

Understand key concepts and debates in environment-development interactions

Apply your knowledge to a practical case study

Balance non-academic with academic sources to understand evolving environmental issues

Effectively communicate ideas and critiques in written form

## TENTATIVE COURSE SCHEDULE

Class Number	Date	Topic	Readings
1	Sept 4	Course introduction, key terms	De Sherbinin et al, 2007 (we come back to this reading several times)
2, 3	Sept 9, 11	Evolution of global environmental issues: Resource Development and Tragedy of the Commons	Hardin, 1968 Cohen, 1995
4	Sept 16	The Environmental Movement	
5	Sept 18	Environment and Technology	Refer back to De Scherbinin et al, 2007 (particularly the IPAT formula)

6	Sept 23	The World we Want: Sustainable Development, the SDGs	Video/transcript at <a href="https://www.coursera.org/lecture/global-sustainable-development/a-history-of-sustainable-development-oZbYB">https://www.coursera.org/lecture/global-sustainable-development/a-history-of-sustainable-development-oZbYB</a> (https://www.coursera.org/lecture/global-sustainable-development/a-history-of-sustainable-development-oZbYB)
7	Sept . 25	No class	<b>Extra office hours Sept. 26. Assignment 1 due Sept. 30!</b>
8	Sept . 30	Post-war agriculture and food security	Godfray et al., 2010 <b>Assignment 1 due</b>
9	Oct. 2	Post-war agriculture and food security continued	Verhoog, 2007 De Sherbinin et al, 2007 (again)
10	Oct 7	Agriculture cont'd, Test prep	
11	Oct 9	<b>Test</b>	
12	Oct. 21	Case study: Agriculture and water in southern India; how to draw causal loop diagrams	Van Meter et al., 2010 <b>Key class for completing Assignment 2!</b>
13, 14	Oct 23, 28	Environmental conservation and protection, Environmental justice	<b>Oct. 28: Assignment 2 due!</b>
15	Oct 30	Integrative case study: oceans (conservation and food security)	
16,17	Nov . 4, 6	Water: drinking, dams, development, security	De Sherbinin et al, 2007 (again) Elimelech and Phillip, 2012
18	Nov 11, 13	Waste and waste management	

19	Nov 18	Mining	Bridge, 2004
20, 21, 22, 23	Nov . 20, 25, 27	Environmental Change, Climate Change and the Anthropocene	
24	Dec 2	Course review, where to go from here	<b>Assignment 3 due!</b>

## TEXTS / MATERIALS

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No materials required.

There is no required text for this course; however, there are required readings (see course schedule); these will be posted on Learn.

## STUDENT ASSESSMENT

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Component	Value
Midterm test	20%
Final exam	35%
Assignments	45% total, in three parts worth 15%, 10% and 5% +15% respectively

The assignment is scaffolded: by the end, you will have produced the three constituent parts for one paper up to 2500 words + figure(s). Each of the first two submissions is worth 10%; however, you will revise the first two sections (due Sept. 30 and Oct. 28 respectively) based on TA feedback and submit them, along with a new third section (worth 5%) for an additional overall grade of 15%.

Assignment guidelines are posted on Learn. Particular guidance on assignment completion is provided in class on Sept. 4 and Oct. 21.

All assignments must be electronically submitted to the relevant dropbox on Learn. Assignments are due at 11:59 p.m. on the due date. You may upload multiple versions of the assignment; we will mark the newest version received by the deadline.

A late penalty of 5% per day is assessed on a rolling 24 hour clock.

Feedback and grades will be provided using the feedback window in the dropbox. This course does not use the gradebook on Learn.

## ASSIGNMENT SCREENING

Text matching software (Turnitin) will be used to screen assignments in this course. This is being done to verify that use of all material and sources in assignments is documented. In the first week of the term, details will be provided about the arrangements for the use of Turnitin and alternatives in this course. See Administrative Policy below for more information and links.

## ADMINISTRATIVE POLICY

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**Academic integrity:** In order to maintain a culture of academic integrity, members of the University of Waterloo community are expected to promote honesty, trust, fairness, respect and responsibility. [Check [the Office of Academic Integrity](https://uwaterloo.ca/academic-integrity/) (<https://uwaterloo.ca/academic-integrity/>) for more information.]

**Grievance:** A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read [Policy 70, Student Petitions and Grievances, Section 4](https://uwaterloo.ca/secretariat-general-counsel/node/100) (<https://uwaterloo.ca/secretariat-general-counsel/node/100>) . When in doubt, please be certain to contact the department's administrative assistant who will provide further assistance.

**Discipline:** A student is expected to know what constitutes academic integrity to avoid committing an academic offence, and to take responsibility for his/her actions. [Check [the Office of Academic Integrity](https://uwaterloo.ca/academic-integrity/) (<https://uwaterloo.ca/academic-integrity/>) for more information.] A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences (e.g., plagiarism, cheating) or about “rules” for group work/collaboration should seek guidance from the course instructor, academic advisor, or the undergraduate associate dean. For information on categories of offences and types of penalties, students should refer to [Policy 71, Student Discipline](https://uwaterloo.ca/secretariat-general-counsel/node/97) (<https://uwaterloo.ca/secretariat-general-counsel/node/97>) . For typical penalties, check [Guidelines for the Assessment of Penalties](https://uwaterloo.ca/secretariat-general-counsel/node/131) (<https://uwaterloo.ca/secretariat-general-counsel/node/131>) .

**Appeals:** A decision made or penalty imposed under [Policy 70, Student Petitions and Grievances](https://uwaterloo.ca/secretariat-general-counsel/node/100) (https://uwaterloo.ca/secretariat-general-counsel/node/100) (other than a petition) or [Policy 71, Student Discipline](https://uwaterloo.ca/secretariat-general-counsel/node/97) (https://uwaterloo.ca/secretariat-general-counsel/node/97) may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to [Policy 72, Student Appeals](https://uwaterloo.ca/secretariat-general-counsel/node/99) (https://uwaterloo.ca/secretariat-general-counsel/node/99) .

**Note for students with disabilities:** [AccessAbility Services](https://uwaterloo.ca/disability-services/) (https://uwaterloo.ca/disability-services/) , located in Needles Hall, Room 1401, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with AccessAbility Services at the beginning of each academic term.

**Turnitin.com:** Text matching software (Turnitin®) may be used to screen assignments in this course. Turnitin® is used to verify that all materials and sources in assignments are documented. Students' submissions are stored on a U.S. server, therefore students must be given an alternative (e.g., scaffolded assignment or annotated bibliography), if they are concerned about their privacy and/or security. Students will be given due notice, in the first week of the term and/or at the time assignment details are provided, about arrangements and alternatives for the use of Turnitin in this course.

It is the responsibility of the student to notify the instructor if they, in the first week of term or at the time assignment details are provided, wish to submit alternate assignment.