

**Culture & Environment**  
**Gardiner Hall, Rm 229**  
**M-W-F**  
**10:30 am – 11:20 am**

Professor: Dr. Carol L. Campbell geobird@nmsu.edu  
Office: Breland Hall, Rm 143  
Office Hours: Tuesday 1 to 3 pm  
Wednesday 2 to 3 pm *and by appointment*

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Office Hours: Monday 1:30-3:30 pm *and by appointment*

### **Required Materials**

Principles of Environmental Science: Inquiry and Applications, 7<sup>th</sup> Edition, Cunningham and Cunningham. ISBN: 978-0-07-353251-6

You must login and **register on Canvas (learn.nmsu.edu)** for course materials, access to quizzes, discussions, links etc.

### **Course Description**

This course explores relationships between humans and the processes and cycles of the natural environment. It is an interdisciplinary study of how nature works and how things in nature, including human societies, are interconnected. The primary objective of this course is to inform you how geographers develop an understanding of the Earth and natural processes including: environmental structure, ecology, energy, climate, population, and the scientific method. Through this course you should be able to understand the complex assembly of factors termed *environmental issues* and how these affect your daily lives here and those of modern and future societies around the world. This will be accomplished by providing a scientific base needed to understand resource distribution, environmental challenges, knowledge of how different human societies relate to the environment, and information to evaluate solutions to these challenges.

### **Specific Objectives**

- Develop a vocabulary of terms and phrases related to environmental resources, natural processes, and ecological systems.
- Gain an appreciation of how natural resources and processes vary across the surface of the earth.
- Gain an appreciation of how human uses of and attitudes about resources vary around the world.
- Gain an appreciation of how human populations are distributed around the world.
- Gain experience working with online mapping tools including Google earth and ARC GIS online, as well as common software programs including Microsoft office.

Various activities will be assigned and will require you to be able to use the tools and features of **Canvas, Microsoft Office and Google Earth**; a powerful geographic tool to expand your knowledge of the Earth. We will share tips and tools in class to give you the skills and knowledge to access and master this amazing geographic technology.

## Academic Policies

**Withdrawals/Incompletes:** Withdrawals from this course are YOUR RESPONSIBILITY and the instructor will NOT withdraw or drop students from this class under any circumstances. Incomplete grades will NOT BE GIVEN except under extraordinary circumstances related to serious illness, bereavement, etc. Documentation will be required in these limited circumstances.

**Attendance:** Tardiness is disruptive to the class, and may result in a loss of points. Do not conduct personal business during class. No phone calls or text messaging during the lecture period. Please silence your phones. If you cannot avoid tardiness please enter quietly.

**Discussions, Quizzes, Activities and Exams:** Only verified written excuses such as serious illness, bereavement, and incarceration will enable students to receive credit for an alternate quiz, discussion, activity or exam. If you have a conflict – you must discuss alternatives with the professor BEFORE you miss an assignment. NO LATE WORK ACCEPTED.

**Honesty:** Academic Honesty is expected of all students. **Do your own work and say it in your own words.** As stated in the University Undergraduate Catalog “Students at NMSU are expected to observe and maintain the highest academic, ethical and professional standards of conduct. Any student found guilty of academic misconduct shall be subject to disciplinary action” up to and including failing the class and/or being expelled from the University.

**Disabilities/Special Needs:** Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Amendments Act (ADAAA) covers issues relating to disability and accommodations. If a student has questions or needs an accommodation in the classroom (all medical information is treated confidentially), contact: <http://sas.nmsu.edu/>

**Equality** NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation. For more information on discrimination issues, Title IX, Campus SaVE Act, NMSU Policy Chapter 3.25, NMSU's complaint process, or to file a complaint contact:

Gerard Nevarez, Title IX Coordinator

Agustin Diaz, Title IX Deputy Coordinator

Office of Institutional Equity (OIE) - O'Loughlin House, 1130 University Avenue

Phone: (575) 646-3635 E-mail: [equity@nmsu.edu](mailto:equity@nmsu.edu)

Website: <http://www.nmsu.edu/~eeo/>

### Evaluation and Requirements

Chapter Discussions = 16*50	=800	A = 93% 97%
Chapter Quizzes =16*25	=400	B = 83% - 87%
Movie Essays 2 @100 each = 200	=200	C = 73% - 77%
Field trip 50/50 essay @ trip	=100	D = 63% - 67%
Participation = 100	=100	F = <60%
<b>Final Exam = 200* required</b>	=200	1800 total available

**Participation:** *Your success in this course is based on you. Please come to class on time.* Your participation and attendance in class is required to master the material presented in this course. You must log-in to the **Canvas** page and access on-line course materials. As outlined in this syllabus, discussions, quizzes, and class participation will make up a majority of your overall course grade; **your attendance in class will make these assignments much easier.** You are expected to attend class on a regular basis, arrive on time, and be respectful of fellow students, guests and faculty.

**Chapter Quizzes:** On *Canvas*, 25 points each, timed quizzes, multiple choice and true/false.  
**Quiz Instructions:** Study the chapter reading and lecture materials before starting the quiz. You have an hour (60 min) to complete each quiz. Make sure to save and submit your answers within the time allowed to receive full credit. The highest score of 2 attempts will be recorded. Practice quiz materials from the end of each chapter are an excellent tool to prepare for quizzes. Make sure you access and submit the quiz before the specified time. No Late Material Accepted.

**Chapter Discussions:** On *Canvas*, 50 points each, search internet and imagery/maps via Google Earth for information to post about current events, conditions and discussion topics for your focus country. **Post your responses to the discussion page for chapter related topics.** Make sure you comment on the maps and images you submit and provide your thoughtful response to the question being asked. Make sure you have checked your answers on your own before you SAVE and SUBMIT your answers. Be prepared to discuss the information with your classmates during class. (Participation in these discussions earn points also)

**Movie Essays:** Two movies will be included in this course. You will be asked to write a short essay addressing specific questions following each movie. The essay questions will be posted on the *Canvas* page as assignments. Due dates for the movie essays are shortly after viewing the movie and are posted on the syllabus. **Please review the questions before viewing the movie.** One movie is assigned over spring break. You may watch this movie before then and submit the essay early, just make sure you **do not miss the due date.** Each essay is worth up to 100 points, 200 points total.

**Guest Speaker Essay:** Occasionally we will have guest speakers present a discussion topic related to the course. In order to receive participation points students will be asked to write a short essay on the speaker and the topic presented. Students are encouraged to submit the guest speaker essays shortly after the presentation but will be allowed to submit this essay until the last day for submission. **The last day for submission of guest speaker essays is Friday, November 21<sup>st</sup>.** The guest speaker essays will add up to 100 points.

**Exams:**

**The FINAL EXAM is on Friday Dec 5, 10:30 am to 12:30 pm. The final exam is comprehensive.** It will include questions from the chapter quizzes and short written answers or graphic descriptions.

**\*All students are required to take the final exam in order to pass the course.**

<b>Date</b>	<b>Reading /Assignment</b>	<b>Activity</b>
F Aug 22	Pre-test/Syllabus/Focus Country	<b>Diagnostic Quiz on-line</b>
M Aug 25	Introductions/Google Earth/Atlas/map reading	Meet focus country
W Aug 27	Ch 1 Understanding the Earth	<b>Chapter 1 Discussion maps</b>
F Aug 29	Ch 1	<b>Chapter 1 Quiz</b>
M Sept 1	No School – Labor Day	
W Sept 3	Ch 2 Environmental Systems: Matter & Energy of Life	<b>Chapter 2 Discussion data</b>
F Sept 5	Ch 2	<b>Chapter 2 Quiz</b>
M Sept 8	Ch 3 Evolution, species interactions & bio. communities	<b>Chapter 3 Discussion</b>
W Sept 10	Ch 3	<b>Chapter 3 Quiz</b>
F Sept 12	Ch 4 Population	<b>Chapter 4 Discussion</b>
M Sept 15	Ch 4	<b>Chapter 4 Quiz</b>
W Sept 17	Ch 5 Biomes & Biodiversity	<b>Chapter 5 Discussion</b>
F Sept 19	Ch 5	<b>Chapter 5 Quiz</b>
M Sept 22*	Movie: <i>Power of Community</i>	Essay *W on Tuesday
W Sept 24	<b>Movie Essay #1 due</b>	Catch-up
F Sept 26	Ch 6 Environmental Conservation	<b>Chapter 6 Discussion</b>
M Sept 29	Ch 6	<b>Chapter 6 Quiz</b>
W Oct 1	Ch 7 Food & Agriculture	<b>Chapter 7 Discussion</b>
F Oct 3	Ch 7	<b>Chapter 7 Quiz</b>
M Oct 6	Ch 8 Env. Health & Toxicology	<b>Chapter 8 Discussion</b>
W Oct 8	Ch 8	<b>Chapter 8 Quiz</b>
F Oct 10	<b>Catch-up</b>	
M Oct 13	Ch 9 Climate	<b>Chapter 9 Discussion</b>
W Oct 15	Ch 9 "W" 3/11	<b>Chapter 9 Quiz</b>
F Oct 17	Ch 10 Air Pollution	<b>Chapter 10 Discussion</b>
M Oct 20	Ch 10	<b>Chapter 10 Quiz</b>
W Oct 22	Ch 11 Water: Resources & Pollution	<b>Chapter 11 Discussion</b>
F Oct 24	<b>Catch-up</b>	
M Oct 27	Ch 11	<b>Chapter 11 Quiz</b>
W Oct 29	Ch 12 Env. Geology & Earth Resources	<b>Chapter 12 Discussion</b>
F Oct 30	Ch 12	<b>Chapter 12 Quiz</b>
M Nov 3	Ch 13 Energy	
W Nov 5	Ch 13	<b>Chapter 13 Quiz</b>
F Nov 7	<b>Catch-up</b>	<b>Chapter 13 Discussion</b>
M Nov 10	Ch 14 Solid & Hazardous Waste	<b>Chapter 14 Quiz</b>
W Nov 12	!!!!!!! FIELD TRIP!!!!	
F Nov 14	Ch 14	<b>Chapter 14 Discussion</b>
M Nov 17	Ch 15 Economics & Urbanization	
W Nov 19	Ch 15 GIS Day	<b>Chapter 15 Quiz</b>
F Nov 21	Catch-up	<b>Chapter 15 Discussion</b>
Nov 24-28	Thanksgiving break	An Inconvenient Truth
M Dec 1	Ch 16 Env. Policy & Sustainability (Guest?)	<b>Chapter 16 Quiz</b>
W Dec 3	Ch 16	<b>Chapter 16 Discussion</b>
F Dec 5	Discussion- <b>Review for Comprehensive Final</b>	<b>Prepare for Final</b>
Fri Dec 5	Final Exam 10:30-12:20 Ch 1-16	Final Exam in Class*
<b>You MUST take the final exam in class (attend) in order to pass the class.</b>		