



**Title:** The Earth Environment (GEO SCI 106)

**Term:** Spring 2020

**Credits:** 3 Credits (Undergraduate)

**Description:** The Earth and its environment; emphasis on the interrelationships of humans with the Earth's processes and responses

**Duration:** 2.5 hours lecture per week

**Prerequisites:** None

**Lecture:** 1:00 PM to 2:15 PM, Mon. and Wed., Jan. 21 to May 7, Lapham Hall, Room N103

**Teacher:** Dr. C.J. Paradis, E-mail: [paradisc@uwm.edu](mailto:paradisc@uwm.edu), Phone: 414-229-2493, Office Hours: Mon. and Wed., 2:30 PM to 4:30 PM, Lapham Hall, Room 348

**Textbook:** Environmental Geology, 3<sup>rd</sup> Edition, James S. Reichard, McGraw Hill, 2018

**Textbook Supplement:** Connect (<http://createwp.customer.mheducation.com/wordpress-mu/success-academy-student/>), online homework and quizzes, register through Canvas

**Grading:** 20% mid-term exam, 20% final exam, 20% homework, 20% quizzes, 10% pop quizzes, 10% final project

**Exams:** In class and written

**Homework:** Connect, open at 12:00 AM Monday, close at 11:59 PM Sunday, no time limit, unlimited attempts

**Quizzes:** Connect, open at 12:00 AM Monday, close at 11:59 PM Sunday, 20 questions, 30 min. time limit, 1 attempt

**Pop Quizzes:** In class and written

**Final Project:** Opinion via oral presentation (7 min. talk plus 3 min. questions) or written essay (1,500 words max.,  $\approx$  5 pages double spaced) according to Nature guidelines (<https://www.nature.com/nature/articles?type=opinion>)

**Time Investment:** No less than 48 hours (lecture, examinations, quizzes, final project, etc.) per 1 credit hour per semester, i.e., no less than (3 credits)\*(48 hour/credit) = 144 hours ( $\approx$  9 hours/week)

## Course Schedule

Date:	Lecture	Connect
1/20 1/22	M: No Class W: Syllabus Review	Orientation
1/27 1/29	M: Ch. 1 Humans & Env. W: Ch. 1 Humans & Env.	Homework 1, Quiz 1
2/3 2/5	M: Ch. 3 Earth Materials W: Ch. 3 Earth Materials	Homework 2, Quiz 2
2/10 2/12	M: Ch. 5 Earthquakes W: Ch. 5 Earthquakes	Homework 3, Quiz 3
2/17 2/19	M: Ch. 7 Mass Wasting W: Ch. 7 Mass Wasting	Homework 4, Quiz 4
2/24 2/26	M: Ch. 8 Streams & Flooding W: Ch. 8 Streams & Flooding	Homework 5, Quiz 5
3/2 3/4	M: Ch. 10 Soil Resources W: Ch. 10 Soil Resources	Homework 6, Quiz 6
3/9 3/11	M: Mid-term Exam Review W: Mid-term Exam	None
3/16 3/18	M: No Class (Spring Break) W: No Class (Spring Break)	None
3/23 3/25	M: No Class (Spring Break) W: No Class (Spring Break)	None
3/30 4/1	M: Ch. 11 Water Resources W: Ch. 11 Water Resources	Homework 7, Quiz 7
4/6 4/8	M: Ch. 12 Mineral & Rock Resources W: Ch. 12 Mineral & Rock Resources	Homework 8, Quiz 8
4/13 4/15	M: Ch. 13 Conventional Energy Resources W: Ch. 13 Conventional Energy Resources	Homework 9, Quiz 9
4/20 4/22	M: Ch. 14 Alternate Energy Resources W: Ch. 14 Alternate Energy Resources	Homework 10, Quiz 10
4/27 4/29	M: Ch. 15 Pollution & Waste Disposal W: Ch. 16 Climate Change	Homework 11, Quiz 11
5/4 5/6	M: Final Project Presentations W: Final Project Presentations	None



**University Policies:** <http://www.uwm.edu/Dept/SecU/SyllabusLinks.pdf>

1. Students with disabilities: <http://uwm.edu/arc/>
2. Religious observances: [https://www4.uwm.edu/secu/docs/other/S\\_1.5\\_ACCOMMODATIONS\\_BELIEFS.pdf](https://www4.uwm.edu/secu/docs/other/S_1.5_ACCOMMODATIONS_BELIEFS.pdf)
3. Students called to active military duty: <http://uwm.edu/active-duty-military/>
4. Incompletes: [https://www4.uwm.edu/secu/docs/other/S\\_31\\_INCOMPLETE\\_GRADES.pdf](https://www4.uwm.edu/secu/docs/other/S_31_INCOMPLETE_GRADES.pdf)
5. Discriminatory conduct: [https://www4.uwm.edu/secu/docs/other/S\\_47\\_Discriminatory\\_Conduct\\_Policy.pdf](https://www4.uwm.edu/secu/docs/other/S_47_Discriminatory_Conduct_Policy.pdf)
6. Title IX/Sexual Violence: <https://uwm.edu/sexual-assault/> and <http://uwm.edu/academicaffairs/facultystaff/policies/academic-misconduct/>
8. Complaint procedures: [https://www4.uwm.edu/secu/docs/other/S\\_47\\_Discriminatory\\_Conduct\\_Policy.pdf](https://www4.uwm.edu/secu/docs/other/S_47_Discriminatory_Conduct_Policy.pdf)
9. Grade appeal procedures: [https://www4.uwm.edu/secu/docs/other/S\\_28\\_Grade\\_Appeal\\_by\\_Students.pdf](https://www4.uwm.edu/secu/docs/other/S_28_Grade_Appeal_by_Students.pdf)
10. LGBT+ resources: <http://uwm.edu/lgbtrc/>
11. Smoke and Tobacco-Free campus: [https://www4.uwm.edu/secu/docs/other/S\\_49\\_Smoke\\_Tobacco\\_Free\\_Policy.pdf](https://www4.uwm.edu/secu/docs/other/S_49_Smoke_Tobacco_Free_Policy.pdf)
12. Final Examinations: [https://www4.uwm.edu/secu/docs/other/S\\_22\\_Final\\_Examinations.pdf](https://www4.uwm.edu/secu/docs/other/S_22_Final_Examinations.pdf)