ENR 2100 Syllabus
Introduction to Environmental Science
Spring Semester 2022: Section 8089

Course Information
• **Course times and location:** This course will meet 3 times per week on Monday, Wednesday, and Friday in Independence Hall 100 from 12:40 PM until 1:35 PM. All instruction will be in Carmen each week.
• **Credit hours:** 3 hours
• **Mode of delivery:** In-person lecture meeting 3x per week

Instructor
• **Name:** Dr. Brian H. Lower, Ph.D.
• **Course Email:** ENR2100@osu.edu
• **Office hours:** Posted in Carmen, see “Office Hours” button on homepage
• **Preferred means of communication:**
  o My preferred method of communication for questions is email. Please use the course email for questions. Please use your OSU email address to email the course account.
  o My class-wide communications will be sent through the Announcements tool in CarmenCanvas. Please check your notification preferences (go.osu.edu/canvas-notifications) to be sure you receive these messages.

Teaching Associate
• **Name:** Ella M. Weaver, MENR
• **Email:** ENR2100@osu.edu
• **Office Hours:** Posted in Carmen, see “Office Hours” button on homepage

Course Description
This course fulfills the General Education (GE) Category Natural Science, Biological Science. Natural Science coursework fosters students’ understanding of the principles, theories, and methods of modern science, the relationship between science and technology, the implications of scientific discoveries and the potential of science and technology to address problems of the contemporary world.
Learning Outcomes
By the end of this course, students should successfully be able to:

- Understand Earth systems and apply concepts and methodologies to analyze interactions between biological and physical processes.
- Describe and analyze the process of scientific inquiry.
- Demonstrate proficiency in quantitative methods, qualitative analysis and critical thinking.
- Understand how collaborative efforts among scientists, engineers and policymakers can provide solutions to environmental challenges.
- Recognize that humans are part of Earth systems and reflect critically on our individual roles as citizens and consumers to protect and preserve natural systems.
- Critically evaluate and responsibly use information from primary and secondary sources.
- Demonstrate proficiency in written, visual and oral communication needed to succeed in an interdisciplinary workplace.

General Education Expected Learning Outcomes
As part of the GE Natural Science: Biological Science category of the General Education curriculum, this course is designed to prepare students to be able to do the following:

- Understand the basic facts, principles, theories and methods of modern science.
- Acknowledge key events in the development of science and recognize that science is an evolving body of knowledge.
- Describe the inter-dependence of scientific and technological developments.
- Recognize social and philosophical implications of scientific discoveries and understand the potential of science and technology to address problems of the contemporary world.

This course fulfills these learning outcomes by engaging students in theoretical and empirical study within the natural sciences. Students will gain an appreciation of modern principles, theories, methods and modes of inquiry used generally across the natural sciences. Students will discern the relationship between science and technology, while appreciating the implications of scientific discoveries and the potential impacts of science and technology to address problems of the contemporary world.
How This Course Works

**Mode of delivery:** This course will meet three times per week for lecture in Independence Hall room 100 on Monday, Wednesday and Friday from 12:40 PM until 1:35 PM. All assignments and course materials will be provided through Carmen.

**Pace of activities:** This course is divided into weekly modules that are available to you from the beginning of the semester. Assignments with deadlines are placed into each module that will open 10 days in advance of the deadline. Students are expected to keep pace with these deadlines but may schedule their efforts freely within that time frame.

**Credit hours and work expectations:** This is a 3 credit-hour course. According to Ohio State bylaws on instruction (go.osu.edu/credithours), students should expect around 3 hours per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 6 hours of homework (reading and assignment preparation, for example) to receive a grade of C average.

**Attendance and participation requirements:** Research shows regular participation is one of the highest predictors of success. With that in mind, I have the following expectations for everyone’s participation:

- **Attending lecture:** 3x per week
- **Participating in online activities:** multiple times per week
  You are expected to log in to the course in Carmen every week. During most weeks you will probably log in many times. If you have a situation that might cause you to miss an entire week of class, discuss it with me as soon as possible.
Course Materials, Fees and Technologies

Recommended/Optional Materials and/or Technologies

- **Environmental Science for a Changing World**, 1st Edition (2013) or 2nd Edition (2014) or 3rd edition (2018) or 4th edition (2021) by Houtman, Karr, and Interlandi, published by W.H. Freeman. Any edition is acceptable for class. If you are interested in purchasing this textbook, we recommend purchasing from an online retailer such as Amazon. You can likely find a used copy for a low price. Any edition of the textbook is acceptable. Alternatively, any ecology or environmental science textbook from your local library is acceptable. A textbook can serve for additional content and background information. There will be no assessments (no quiz, no exam) for our course that is based solely on textbook content.

- **Scientific Posters: A Learner’s Guide**, this is a free textbook for our class and available at [https://ohiostate.pressbooks.pub/scientificposterguide/](https://ohiostate.pressbooks.pub/scientificposterguide/)

Required Equipment

- **Computer**: current Mac (MacOS) or PC (Windows 10) with high-speed internet connection
- **Webcam**: built-in or external webcam, fully installed and tested
- **Microphone**: built-in laptop or tablet mic or external microphone
- **Other**: a mobile device (smartphone or tablet) to use for BuckeyePass authentication

If you do not have access to the technology you need to succeed in this class, review options for technology and internet access at [go.osu.edu/student-tech-access](http://go.osu.edu/student-tech-access).

Required Software

**Microsoft Office 365**: All Ohio State students are now eligible for free Microsoft Office 365. Visit the [installing Office 365](http://go.osu.edu/office365help) help article for full instructions.

CarmenCanvas Access

You will need to use **BuckeyePass** (buckeyepass.osu.edu) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you do each of the following:

- Register multiple devices in case something happens to your primary device. Visit the [BuckeyePass - Adding a Device](http://go.osu.edu/add-device) help article for step-by-step instructions.
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new**
codes button that appears. This will text you ten passcodes good for 365 days that can each be used once.

- **Install the Duo Mobile application** (go.osu.edu/install-duo) on all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service.

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357 (HELP) and IT support staff will work out a solution with you.

### Technology Skills Needed for This Course

- Basic computer and web-browsing skills
- **Navigating CarmenCanvas** (go.osu.edu/canvasstudent)
- **CarmenZoom virtual meetings** (go.osu.edu/zoom-meetings)

### Technology Support

For help with your password, university email, CarmenCanvas, or any other technology issues, questions or requests, contact the IT Service Desk, which offers 24-hour support, seven days a week.

- **Self Service and Chat:** go.osu.edu/it
- **Phone:** 614-688-4357 (HELP)
- **Email:** servicedesk@osu.edu
Grading and Faculty Response

How Your Grade is Calculated

<table>
<thead>
<tr>
<th>Assignment Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Midterm Exam</td>
<td>25%</td>
</tr>
<tr>
<td>1 Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>6 Poster Assignments</td>
<td>25%</td>
</tr>
<tr>
<td>6 Quizzes</td>
<td>25%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

See [Course Schedule](#) for due dates.

Descriptions of Major Course Assignments

**Poster Assignments**

**Description:** Throughout the semester students will create a scientific poster. Students will complete 6 poster assignments. These assignments aim to instruct students on the importance of scientific research and how to compose scientific posters and presentations. All assignments must be submitted through the appropriate Carmen location. Dr. Lower does not accept assignments via email.

**Academic integrity and collaboration:** Your written assignments, including discussion posts, should be your own original work. In general, you are prohibited in university courses from turning in work from a past class to your current class, even if you modify it. If you want to build on past research or revisit a topic you've explored in previous courses, please discuss the situation with me. Formatting should follow what is provided in Carmen and the [Scientific Posters: A Learner’s Guide](#). You are encouraged to ask a trusted person to proofread your assignments before you turn them in but no one else should revise or rewrite your work. Plagiarized work will result in a grade of 0% and may be reported to Ohio State Academic Affairs.
Quizzes

**Description:** Quizzes in the course include supplemental materials and can be completed at any time within the timeframe that the quiz is open. Quizzes are open 10 days before the due date and 10 days after the due date for late points. All of the resources needed for a quiz will always be provided within the quiz directions on Carmen. You should always review all of these resources before beginning the quiz.

**Academic integrity and collaboration:** Quizzes and assignments are open book, but they should be completed by yourself with no outside assistance from another person. Taking quizzes as part of a group or sharing quiz answers with others is prohibited.

Exams

**Description:** Exams will be taken on Carmen. Exams will be open on Carmen for a period between 2-10 days. The exact time frame will be announced closer to the exam time. Students can complete the exam anytime in this time frame. Students will be given 2 attempts to complete an exam. We keep the highest grade of the two attempts.

**Academic integrity and collaboration:** Exams must be completed according to the directions on Carmen. Exams must be taken individually. Taking an exam as part of a group is prohibited. You may not share exam questions or discuss the exam with others.

Late Assignments

Assignments and Quizzes are open for 10 days before the due date and 10 days after the due date. Submission after the due date for assignments or quizzes will result in a 10% deduction per day from the overall grade. The submission areas will automatically close after 10 days from the due date and will not reopen. Dr. Lower will not accept assignments or quizzes that are sent by email. All assignments must be uploaded to Carmen. All quizzes must be taken on Carmen. Students will be given 2 attempts to take a quiz.

Late submissions of exams will not be accepted and will result in a grade of 0%. Missed exams will result in a grade of 0%. Dr. Lower will not accept exams that are sent by email. All exams must be taken on Carmen. Students will be given 2 attempts to take an exam.

The due date for each quiz, assignment and exam is provided on Carmen on the very first day of class to help students plan their semester. It is the responsibility of the student to know the due date for all quizzes, exams and writing assignments. We do this to accommodate students' busy schedules. Students are expected to plan their semester accordingly. Students should not wait until the last hour to complete a quiz, exams or writing assignment. Technical glitches such as a bad Internet connection, faulty Internet browsers, a computer that “crashes”, a battery that runs out of power, an obnoxious roommate, software malfunction, a flat tire, etc. are not acceptable excuses for missing a deadline. Dr. Lower
does not accept writing assignments, quizzes or exams by e-mail, and these will be deleted and not graded. Assignments, quizzes and exams should always be completed and/or submitted to Dr. Lower using Carmen.

Extenuating circumstances sometimes occur. Students who miss an assessment due to a legitimate reason (e.g., emergency, hospital visit, extended illness) should contact their Dr. Lower at ENR2100@osu.edu to request permission to make-up an assessment. Dr. Lower will determine if an excuse is acceptable. If approved, the student must make up the missed assessment within a time frame specified by the instructor. Since this course has flexible due dates with assignments, quizzes and exams open for a period of days to weeks on Carmen, acceptable excuses typically entail lengthy illness, extended hospitalization or other serious issues.

Instructor Feedback and Response Time

- **Preferred contact method**: If you have a question, please contact me at the course email, ENR2100@osu.edu. Ms. Weaver and I both check this email regularly and will reply to all emails sent to this account.

- **Class announcements**: I will send all important class-wide messages through the Announcements tool in CarmenCanvas in addition to announcing this information in class. Please check your notification preferences (go.osu.edu/canvas-notifications) to ensure you receive these messages. Weekly announcements will be published with reminders of each week’s tasks.

- **Discussion board**: I will check and reply to messages in the discussion boards daily.

- **Grading and feedback**: For assignments submitted before the due date, I will try to provide feedback and grades within ten days. Assignments submitted after the due date may have reduced feedback, and grades may take longer to be posted.

### Grading Scale

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>%</th>
<th>Mastery</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93.00–100.0</td>
<td>Demonstrates complete mastery of all learning outcomes as demonstrated by quiz, lab assignment, poster assignment, participates in all aspects of the lab in a positive and timely manner.</td>
</tr>
<tr>
<td>A-</td>
<td>90.00–92.99</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>87.00–89.99</td>
<td>Demonstrates mastery of at least two learning outcomes as demonstrated by quiz, lab assignment, poster assignment, participates in all aspects of the lab in a positive and timely manner.</td>
</tr>
<tr>
<td>B</td>
<td>83.00–86.99</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>80.00–82.99</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>77.00–79.99</td>
<td>Demonstrates mastery of at least one learning outcome as demonstrated by quiz, lab assignment, poster assignment, participates in some aspects of the lab in a positive and timely manner.</td>
</tr>
<tr>
<td>C</td>
<td>73.00–76.99</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>70.00–72.99</td>
<td>A minimum grade of “C-“ will be earned by a student.</td>
</tr>
<tr>
<td>Grade</td>
<td>Range</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>----------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>D+</td>
<td>67.00–69.99</td>
<td>making a good faith effort on all aspects of the lab and demonstrated engagement.</td>
</tr>
<tr>
<td>D</td>
<td>60.00–66.99</td>
<td>Fails to meet mastery of any learning outcome such that student will not be successful in higher-level course; did not complete quiz, lab assignment, poster assignment; demonstrated lack of engagement, did not participate in lab, did not complete quiz or assignment in a timely fashion.</td>
</tr>
<tr>
<td>E</td>
<td>00.00–59.99</td>
<td>failed to meet mastery of any learning outcome such that student will not be successful in higher-level course; did not complete quiz, lab assignment, poster assignment; demonstrated lack of engagement, did not participate in lab, did not complete quiz or assignment in a timely fashion.</td>
</tr>
</tbody>
</table>
Other Course Policies

Academic Integrity Policy
See [Descriptions of Major Course Assignments](#) for specific guidelines about collaboration and academic integrity in the context of this online class.

Ohio State’s Academic Integrity Policy
Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the university’s [Code of Student Conduct](#) (studentconduct.osu.edu), and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the university’s [Code of Student Conduct](#) and this syllabus may constitute “Academic Misconduct.”

The Ohio State University’s [Code of Student Conduct](#) (Section 3335-23-04) defines academic misconduct as: “Any activity that tends to compromise the academic integrity of the university or subvert the educational process.” Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the university’s [Code of Student Conduct](#) is never considered an excuse for academic misconduct, so I recommend that you review the [Code of Student Conduct](#) and, specifically, the sections dealing with academic misconduct.

If I suspect that a student has committed academic misconduct in this course, I am obligated by university rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the university’s Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the university. If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Other sources of information on academic misconduct (integrity) to which you can refer include:

- [Committee on Academic Misconduct](#) (go.osu.edu/coam)
- [Ten Suggestions for Preserving Academic Integrity](#) (go.osu.edu/ten-suggestions)
- [Eight Cardinal Rules of Academic Integrity](#) (go.osu.edu/cardinal-rules)
Copyright for Instructional Materials

The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

Creating an Environment Free from Harassment, Discrimination, and Sexual Misconduct

The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate on the basis of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Office of Institutional Equity:

1. Online reporting form at equity.osu.edu,
2. Call 614-247-5838 or TTY 614-688-8605,
3. Or email equity@osu.edu

The university is committed to stopping sexual misconduct, preventing its recurrence, eliminating any hostile environment, and remediying its discriminatory effects. All university employees have reporting responsibilities to the Office of Institutional Equity to ensure the university can take appropriate action:

- All university employees, except those exempted by legal privilege of confidentiality or expressly identified as a confidential reporter, have an obligation to report incidents of sexual assault immediately.

- The following employees have an obligation to report all other forms of sexual misconduct as soon as practicable but at most within five workdays of becoming aware of such information: 1. Any human resource professional (HRP); 2. Anyone who supervises faculty, staff, students, or volunteers; 3. Chair/director; and 4. Faculty member.
Statement on Title IX

Title IX makes it clear that violence and harassment based on sex and gender are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories (e.g., race). If you or someone you know has been sexually harassed or assaulted, you may find the appropriate resources at http://titleix.osu.edu or by contacting the Ohio State Title IX Coordinator at titleix@osu.edu

Your Mental Health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student’s ability to participate in daily activities. No matter where you are engaged in distance learning, The Ohio State University’s Student Life Counseling and Consultation Service (CCS) is here to support you. If you find yourself feeling isolated, anxious or overwhelmed, on-demand mental health resources (go.osu.edu/ccsondemand) are available. You can reach an on-call counselor when CCS is closed at 614-292-5766. 24-hour emergency help is available through the National Suicide Prevention Lifeline website (suicidepreventionlifeline.org) or by calling 1-800-273-8255(TALK). The Ohio State Wellness app (go.osu.edu/wellnessapp) is also a great resource.

Principles of Community

This course adheres to The Principles of Community adopted by the College of Food, Agricultural, and Environment Sciences. These principles are located on the Carmen site for this course and can also be found at https://go.osu.edu/principlesofcommunity. For additional information on Diversity, Equity, and Inclusion in CFAES, contact the CFAES Office for Diversity, Equity, and Inclusion (https://equityandinclusion.cfaes.ohio-state.edu/). If you have been a victim of or a witness to a bias incident, you can report it online and anonymously (if you choose) at https://studentlife.osu.edu/bias/report-a-bias-incident.aspx.
Accessibility Accommodations for Students with Disabilities

Requesting Accommodations
The university strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability including mental health, chronic or temporary medical conditions, please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services (SLDS). After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university’s request process, managed by Student Life Disability Services.

Disability Services Contact Information
- Phone: 614-292-3307
- Website: slds.osu.edu
- Email: slds@osu.edu
- In person: Baker Hall 098, 113 W. 12th Avenue

Accessibility of Course Technology
This online course requires use of CarmenCanvas (Ohio State's learning management system) and other online communication and multimedia tools. If you need additional services to use these technologies, please request accommodations as early as possible.
- CarmenCanvas accessibility (go.osu.edu/canvas-accessibility)
- Streaming audio and video
- CarmenZoom accessibility (go.osu.edu/zoom-accessibility)

Several accessibility accommodations are already built into our course for all students (see list below). We work to provide these accommodations to all students and want to make sure all students have a positive learning experience in our course. Please send documentation from SLDS to ENR2100@osu.edu in order to establish any further accommodations needed during the semester.

1. **Extended Timeframe for Exams**: SLDS-REGISTERED STUDENTS SHOULD EMAIL THEIR PLAN TO DR. LOWER. A student MUST ask SLDS to send their paperwork to
Dr. Lower: ENR2100@osu.edu and he will setup Carmen so extended time is provided to the student during an exam.

2. **Extended Timeframe for Quizzes: PROVIDED TO ALL STUDENTS.** We provide all students with 6X-extended time for all quizzes. If any student requires more than 6X-extended time, then they should contact Dr. Lower at ENR2100@osu.edu to request additional time.

3. **Computer/Word for Essay Exams: PROVIDED TO ALL STUDENTS.** We don’t have essay exams. All exams consist of matching, multiple-choice, fill-in-the-blank, true/false. All exams are taken on Carmen.

4. **Scribe for exams and quizzes: PROVIDED TO ALL STUDENTS.** Students can take exams and quizzes anywhere. Exams and quizzes can be taken anywhere on Carmen. Students who are registered with Office of Student Life Disability Services (SLDS) and require a scribe should make their own accommodations with SLDS.

5. **Distraction Reduced Testing Space, Small Group Setting: PROVIDED TO ALL STUDENTS.** Students can take all quizzes and all exams on Carmen from anywhere. Students who are registered with Office of Student Life Disability Services (SLDS) and require distraction reduced testing space should make their own accommodations.

6. **Deadline Modifications: PROVIDED TO ALL STUDENTS.** All quizzes, exams and assignments are open on Carmen for a period of at least 7 days to weeks to accommodate students’ busy schedules. All materials required to complete quizzes, exams and assignment are also provided online for at least 7 days. Students can complete quizzes, exams or assignments anytime while the window is open. Extenuating circumstances sometimes occur. Students who miss a due date for a legitimate reason (e.g., emergency, hospital visit, extended illness, unforeseen health issue) should contact Dr. Lower before the due date by email (ENR2100@osu.edu) to request additional time. Dr. Lower will determine if an excuse is acceptable.

7. **Multiple attempts for exams and quizzes: PROVIDED TO ALL STUDENTS.** Students will be given 2 attempts for each quiz and 2 attempts for each exam. We keep the highest grade between the two attempts.
Course Schedule

Refer to the Carmen course for the most up to date due dates.
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Assessment</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Environment &amp; Sustainability</td>
<td>Quiz 1: Syllabus &amp; Course Overview</td>
<td>January 14</td>
</tr>
<tr>
<td>2</td>
<td>Scientific Process &amp; Scientific Literacy</td>
<td>Quiz 2: What is Plagiarism?</td>
<td>January 21</td>
</tr>
<tr>
<td>3</td>
<td>Persistent Pollutants</td>
<td>Poster Assignment #1: Introduction to Scientific Posters</td>
<td>January 28</td>
</tr>
<tr>
<td>4</td>
<td>Human Populations</td>
<td>Quiz 3: Climate Change</td>
<td>February 4</td>
</tr>
<tr>
<td>5</td>
<td>Population Ecology</td>
<td>Poster Assignment #2: Poster Title, Abstract, &amp; References</td>
<td>February 11</td>
</tr>
<tr>
<td>6</td>
<td>Community Ecology</td>
<td>Quiz 4: Invasive Species</td>
<td>February 18</td>
</tr>
<tr>
<td>7</td>
<td>Biomes and Biodiversity</td>
<td>Midterm Exam</td>
<td>February 25</td>
</tr>
<tr>
<td>8</td>
<td>Freshwater Resources</td>
<td>Poster Assignment #3: Methods/Materials and Results Sections</td>
<td>March 4</td>
</tr>
<tr>
<td>9</td>
<td>Protecting Earth’s Water</td>
<td>Quiz 5: Air Quality in Smoky Mountains National Park</td>
<td>March 11</td>
</tr>
<tr>
<td></td>
<td><strong>SPRING BREAK</strong></td>
<td><strong>NOTHING DUE</strong></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Protecting Earth’s Air</td>
<td>Poster Assignment #4: Poster First Draft</td>
<td>March 25</td>
</tr>
<tr>
<td>11</td>
<td>Protecting Earth’s Food Resources</td>
<td>Quiz 6: Renewable Energy</td>
<td>April 1</td>
</tr>
<tr>
<td>12</td>
<td>Environmental Cost of Coal</td>
<td>Poster Assignment #5: Poster Final Draft</td>
<td>April 8</td>
</tr>
<tr>
<td></td>
<td>Topic</td>
<td>Event Details</td>
<td>Date</td>
</tr>
<tr>
<td>---</td>
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<td>----------------------------------------------------</td>
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</tr>
<tr>
<td>13</td>
<td>Environmental Cost of Petroleum</td>
<td>Poster Assignment #6: Virtual Poster Symposium submission</td>
<td>April 15</td>
</tr>
<tr>
<td>14</td>
<td>Alternative &amp; Renewable Energy Sources</td>
<td>Poster Assignment #6: Virtual Poster Symposium Peer Reviews</td>
<td>April 22</td>
</tr>
<tr>
<td></td>
<td>Finals Week</td>
<td>Final Exam</td>
<td>May 2</td>
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</tbody>
</table>