General Information The template

Professor Information

Instructor: Rodolfo Rego, M.S.

Office: AHC5 384 (MMC)

E-Mail: rrego@fiu.edu

Phone: 305-348-1478

Office Hours: Wednesday 1:00 PM - 3:00 PM or by Appointment.

Methods:
- Zoom
- Office Visit
- Phone call

Note: This course requires you to check daily your student portal on Canvas Login since all of the assignments and lectures will be posted there.

Course Description and Purpose

This physical science course introduces students to the study of climate, atmospheric composition, nutrient cycling, air and water pollution and water resources. Through discussions of these topics, students will better understand the complex issues surrounding the human ecological footprint, global climate change, degradation of water resources, reliance on fossil fuels for energy and industrial scale agricultural practices.

Course Objectives

Learning objectives for this course are based on a definition of scientifically literacy in Environmental Science. This definition of scientific literacy is based on the National Science Education Standards (2011). After completing this course, students should:

- Understand the principles of environmental science and their impact on everyday life
- Understand and reflect critically on information included in and omitted from reports concerning environmental science
- Take part confidently in discussions with others about issues involving environmental science
- Make informed personal decisions about things that involve environmental science
Global Learning Outcomes and Assessments

Students will be assessed for the following Global Learning Outcomes with specific course outcomes listed below them.

Global Awareness – Students will be able to demonstrate an understanding of the scientific information and key concepts that underlie the functioning of natural systems with an emphasis on the interrelatedness of these systems with each other and human societies, as well as the negative impacts of environmental degradation on both.

- An understanding of the scientific foundation and key concepts that describe the patterns and processes of Earth’s natural systems.
- Awareness of the interrelationship of human activities and natural systems.
- Ability to use scientific knowledge together with prior knowledge to engage in critical thinking about environmental issues arising from the interrelationship between human societies and natural systems.
- Assessments for Global Awareness will include a computer based formative assessment activity and in-class exams.

Global Perspective – Students will be able to examine environmental issues within a multi-perspective framework that supports creative ideas to promote environmental sustainability.

- Comprehension of the many interrelated technical, social and cultural contributions responsible for the complexity of environmental issues.
- The ability to examine environmental issues from the perspectives of multiple stakeholders.
- Develop an understanding of how environmental degradation may impact both natural systems and human societies in the future.

Global Engagement – Students will demonstrate a willingness to reflect on their own relationship to the environment and take responsibility to reduce their own ecological footprint as well as engaging in local, global and intercultural environmental problem solving.

- Students will evaluate and reflect on their ecological footprint through its calculation using an on-line ecological footprint calculator.
- Students will experience and appreciate the challenges facing human communities in their efforts to achieve the sustainable use of natural resources and services.
- Assessment for Global Engagement will take the form of a reflection within a personal ecological footprint assignment. In addition, students will participate in a community service/co-curricular activity designed to reduce environmental degradation and promote the health of the community.
- Both assignments will be evaluated using the appropriate rubrics that will be provided to students.
Quality Matters
This certification mark recognizes that this course met Quality Matters review standards.

Affordability Counts
This course has been awarded the Affordability Counts Medallion. The Affordability Counts initiative at FIU seeks to make learning more affordable by reducing the cost of course materials to $60 or less. Find out more by visiting the Affordability Counts website at lowcost.fiu.edu.

Quality Matters Essentials
This course has been awarded the Quality Matters Essentials badge. Quality Matters Essentials is an internal peer review process designated to increase the quality of FIU Online's fully online courses by solely focusing on obtaining the "must haves" standards from the Quality Matters rubric. Learn more by visiting our Faculty Support Guide.

Important Information

Policies
Please review the FIU's Policies and Netiquette webpage. The policies webpage contains essential information regarding guidelines relevant to all courses at FIU, as well as additional information about acceptable netiquette for online courses.

As a member of the FIU community you are expected to be knowledgeable about the behavioral expectations set forth in the FIU Student Code of Conduct.
Late Assignments

Canvas will automatically deduct points from late submissions. All assignments submitted after the assignment due date are subject to the following deductions.

<table>
<thead>
<tr>
<th># Days Late</th>
<th>Deduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5% per day</td>
</tr>
<tr>
<td>&gt;7</td>
<td>Cannot be submitted</td>
</tr>
</tbody>
</table>

You must contact your instructor before attempting late assignments.

Online Assessment Issues Policy

The quiz and/or exam for this course will be monitored by an online integrity system (HonorLock) to ensure students’ compliance with the University’s Code of Academic Integrity. Therefore, your computer must have a working webcam and microphone to complete the quiz and exam. To avoid being deemed in violation of the Code, students may not access unsolicited aids during exams, including, but not limited to: test-banks, online search engines, unauthorized web applications, and other means, via their test-taking device or any other electronic device. Students also may not receive nor provide unauthorized assistance to/from other persons, or copy, save, or share unauthorized copies of exams.

Proctored Exam Policy

Honorlock is used for:

- A number of quizzes determined by the professor.
- Final Exam.

For additional resources concerning HonorLock, feel free to visit the HonorLock Proctoring Student Resources Page.

If you encounter a problem when conducting an assessment (e.g., exam, quiz, discussion, etc.) and/or have problems uploading documents to the assignment dropbox, then you must contact FIU online for assistance. They will contact me with additional instructions at which point a determination will be made regarding the next course of action. There is no exception to this policy.
Technical Requirements and Skills

One of the greatest barriers to taking an online course is a lack of basic computer literacy. By computer literacy we mean being able to manage and organize computer files efficiently, and learning to use your computer's operating system and software quickly and easily. Keep in mind that this is not a computer literacy course; but students enrolled in online courses are expected to have moderate proficiency using a computer. Please go to the "What's Required" webpage to find out more information on this subject.

This course utilizes the following tools:

Canvas

- Privacy Policy
- Accessibility Statement

Google Earth

- Privacy Policy
- Accessibility Statement

Google Maps

- Privacy Policy
- Accessibility Statement

Zoom

- Privacy Policy
- Accessibility Statement

Turnitin

- Privacy Policy
- Accessibility Statement

Please visit our Technical Requirements webpage for additional information.
Accessibility and Accommodation

The Disability Resource Center collaborates with students, faculty, staff, and community members to create diverse learning environments that are usable, equitable, inclusive and sustainable. The DRC provides FIU students with disabilities the necessary support to successfully complete their education and participate in activities available to all students. If you have a diagnosed disability and plan to utilize academic accommodations, please contact the Center at (305) 348-3532 or visit them at the Graham Center GC 190.

For additional assistance please contact FIU's Disability Resource Center.

Web Accessibility Statements for Partners and Vendors

- Canvas
- Microsoft
- Adobe
- Google
- ProctorU
- HonorLock
- OpenStax
- Turnitin
- NBC Learn
- Adobe Connect
- Respondus LockDown Browser
- Zoom

Please visit our ADA Compliance webpage for additional information about accessibility involving the tools used in this course.

Academic Misconduct Statement

Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.

Academic Misconduct includes:

**Cheating** – The unauthorized use of books, notes, aids, electronic sources; or assistance from another person with respect to examinations, course assignments, field service reports, class recitations; or the unauthorized possession of examination papers or course materials, whether originally authorized or not.

**Plagiarism** – The use and appropriation of another's work without any indication of the source and the representation of such work as the student’s own. Any student who fails to give credit for ideas, expressions or materials taken from another source, including internet sources, is responsible for plagiarism.

Learn more about the academic integrity policies and procedures as well as student resources that can help you prepare for a successful semester.
If you are looking for help for yourself or a fellow classmate, Panthers Care encourages you to express any concerns you may come across as it relates to any personal behavior concerns or worries you have, for the classmate's well-being or yours; you are encouraged to share your concerns with FIU's Panthers Care website.

Counseling and Psychological Services (CAPS) offers free and confidential help for anxiety, depression, stress, and other concerns that life brings. Professional counselors are available for same-day appointments. Don't wait to call (305) 348-2277 to set up a time to talk or visit the online self-help portal.

Course Prerequisites

There are no prerequisites for this course.

Expectations Of This Course

This is an online course, which means most (if not all) of the course work will be conducted online. Expectations for performance in an online course are the same for a traditional course. In fact, online courses require a degree of self-motivation, self-discipline, and technology skills which can make these courses more demanding for some students.

Students are expected to:

- Review the how to get started information located in the course content
- Introduce yourself to the class during the first week by posting a self introduction video in the appropriate blog
- Take the practice quiz to ensure that your computer is compatible with Canvas Interact online with instructor/s and peers
- Review and follow the course calendar
- Log in to the course at least four (4) times per week
- Check Announcements regularly
- Respond to discussions within: Initial post in three (3) days and all responses in seven (7) days. (See Discussion section below)
- Respond to messages within no more than two (2) days
- Submit assignments by the corresponding deadline

The instructor will:

- Log in to the course at least five (5) times per week
- Respond to Canvas messages and Course Submission Comments within two (2) days.
- Grade assignments within ten (10) days of the assignment deadline.
Title: Introduction to Environmental Science: 3rd Edition

Caralyn Zehnder
Georgia College and State University, caralyn.zehnder@gcsu.edu
Kalina Manoylov
Georgia College and State University, kalina.manoylov@gcsu.edu
Samuel Mutiti
Georgia College and State University, samuel.mutiti@gcsu.edu
Christine Mutiti
Georgia College and State University, christine.mutiti@gcsu.edu
Allison VandeVoort
Georgia College and State University, allison.vandevoort@gcsu.edu

Authors: Georgia College and State University, Publish Date: Spring 2018

Notes: Galileo Open Learning Materials

Additional Notes: This open textbook for Introduction to Environmental Science was created under a Round Two ALG Textbook Transformation Grant.

Recommended Citation: Zehnder, Caralyn; Manoylov, Kalina; Mutiti, Samuel; Mutiti, Christine; VandeVoort, Allison; and Bennett, Donna, "Introduction to Environmental Science: 3rd Edition". Biological Sciences Open Textbooks. 4. https://oer.galileo.usg.edu/biology-textbooks/4

Course Communication

Communication in this course will take place via Canvas Inbox.

- The instructor will respond to messages within two days.
- Check your announcements regularly.

It is recommended that students check their Inbox and Announcements routinely to ensure up-to-date communication and adjust the notification settings accordingly. See Module 1 contents.
Keep in mind that your discussion forum postings will likely be seen by other members of the course. Care should be taken when determining what to post.

Discussions and participation are required, just as if you were in a face to face class. Online does not mean silent or student guided. The discussion forums are due in the middle and at the end of the week assigned (i.e., Wednesday and the following Monday of week assigned before 12:00 AM). Responses such as ‘I agree’ or ‘yep...what he said’ will result in zero points of credit. Read the rubric below for more information about your grade on the discussion. Each discussion requires an:

1. initial post (minimum 300-400 words) by **Wednesday** to avoid late point deductions, and
2. complete two (2) responses (minimum 200 words each) (e.g., peer reviews) by the following **Monday**.

All discussion postings (Initial Review) must also be submitted to Turnitin to verify authenticity.

Instructor will grade assignments within ten (10) days of the assignment deadline. You will receive a zero for the assignment if the Turnitin document is not submitted.

### Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Exemplary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of Ideas</td>
<td>Well-developed ideas; introduces new ideas; and stimulates discussion. Word counts.</td>
</tr>
<tr>
<td>Evidence of Critical Thinking</td>
<td>Clear evidence of critical thinking - application, analysis, synthesis and evaluation. Postings are characterized by clarity of argument, depth of insight into theoretical issues, originality of treatment, and relevance. Sometimes include unusual insights. Arguments are well supported.</td>
</tr>
<tr>
<td>Quality of Postings</td>
<td>Interact at least twice with other students and/or the instructors.</td>
</tr>
<tr>
<td>Timeliness</td>
<td>Individual message and at least two responses posted before the deadline.</td>
</tr>
</tbody>
</table>

**Respond** to discussion within: **Initial post in three (3) days** (Wednesday) and all **peer review responses in seven (7) days**.
Assessments

In order to mitigate any issues with your computer and online assessments, it is very important that you take the "Practice Quiz" from each computer you will be using to take your graded quizzes and exams. It is your responsibility to make sure your computer meets the minimum hardware requirements.

All assessments will auto-submit when (1) the timer runs out OR (2) the closing date/time is reached, whichever happens first. For example, if a quiz has a closing time of 5:00 pm but the student begins the exam at 4:55 pm, the student will only have 5 minutes to complete the quiz.

Assessments in this course are not compatible with mobile devices and should not be taken through a mobile phone or a tablet. If you need further assistance please contact FIU Online Support Services.

See Online Assessment Issues Policy for information about Honorlock.

Quizzes & Exams

In order to mitigate any issues with your computer and online assessments, it is very important that you take the "Practice Quiz" from each computer you will be using to take your graded quizzes and exams. It is your responsibility to make sure your computer meets the minimum hardware requirements.

Assessments in this course are not compatible with mobile devices and should not be taken through a mobile phone or a tablet. If you need further assistance please contact FIU Online Support Services.

There are five quizzes and a cumulative final exam for this course. The final exam will be given at the scheduled exam time as stated on the syllabus. Exams will be multiple choices format. Grades will be available immediately. No make-ups will be allowed for the exams without a written excuse from a doctor, parent, or legal guardian. For more information contact me.

This online section does not require an on-campus exam; however, Honorlock is used for:

- A number of quizzes determined by the professor.
- Final Exam.

Therefore, your computer must have a working webcam and microphone to complete the quiz and exam.

See Online Assessment Issues Policy for information about Honorlock.
Assignments

- **Campus and/or Workplace Audit Assignment**

  This assignment is designed to help you become familiarized with the environmental practices at your campus and/or place of business. For the audit, you will each select **ten (10) topics** of interest in regards to environmental aspects of operations.

- **My Ecological Footprint Assignment**

  This activity concerns the calculation of the personal ecological footprint using a website footprint calculator. Students will be asked to reply to questions with a thoughtful consideration of the steps that could be taken to reduce an individual’s ecological footprint.

Instructions for these assignments are included in the assignment on Canvas. The rubrics are attached to the assignments. To verify the originality of your work, certain assignments will use a Turnitin dropbox in Canvas. These and all assignments must be your original individual effort, and any sources used **must be cited**. Instructor will grade assignments within ten (10) days of the assignment deadline. **No credit** will be given if the assignment lacks sources or there is evidence of a lack of originality.

**Zoom Meeting**

Zoom is a video conference tool that you can use to interact with your professor and fellow students by sharing screens, chatting, broadcasting live video/audio, and taking part in other interactive online activities. We will be utilizing this tool to conduct office hours, and questions about the course and assignments. Zoom Meetings will be held on the following dates/time:

**Meetings will be available Wednesdays from 1:30 - 3:00 PM EST**

Use this link to access the [Zoom Test Meeting Room](#). This meeting room is available to test out the software before joining an actual session.

Reference the provided links to access Zoom student tutorials to learn about the tool, how to access your meeting room, and share your screen.

- [Joining a Zoom Meeting](#)
- [Enabling and Testing Audio & Webcam](#)
- [Chat (Professors)- Students look at attendees section for instructions](#)
- [How Do I Share My Screen](#)
## Grading

<table>
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<tr>
<th>Course Requirements</th>
<th>Number of Items</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Introduce Yourself Video Blog</td>
<td>1</td>
<td>3%</td>
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<tr>
<td>Discussions</td>
<td>6</td>
<td>36%</td>
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<tr>
<td>Quizzes</td>
<td>5</td>
<td>24%</td>
</tr>
<tr>
<td>Cumulative Final</td>
<td>1</td>
<td>15%</td>
</tr>
<tr>
<td>Campus Audit</td>
<td>1</td>
<td>15%</td>
</tr>
<tr>
<td>My Ecological Footprint</td>
<td>1</td>
<td>7%</td>
</tr>
<tr>
<td>Extra Credit (Optional)</td>
<td>1 (Optional)</td>
<td>up to 5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>100%</strong></td>
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## Grading Scale

<table>
<thead>
<tr>
<th>Letter</th>
<th>Range (%)</th>
<th>Letter</th>
<th>Range (%)</th>
<th>Letter</th>
<th>Range (%)</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>95 or above</td>
<td>B</td>
<td>83 - 86</td>
<td>C</td>
<td>70 - 76</td>
</tr>
<tr>
<td>A-</td>
<td>90 - 94</td>
<td>B-</td>
<td>80 - 82</td>
<td>D</td>
<td>60- 69</td>
</tr>
<tr>
<td>B+</td>
<td>87-89</td>
<td>C+</td>
<td>77 - 79</td>
<td>F</td>
<td>59 or less</td>
</tr>
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</table>

## Course Detail
<table>
<thead>
<tr>
<th>Assignment</th>
<th>Due Date</th>
<th>Points</th>
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<tbody>
<tr>
<td>Introduce Yourself</td>
<td>Jan 13 2020 at 11:59 pm</td>
<td>30 pts</td>
</tr>
<tr>
<td>Discussions</td>
<td></td>
<td>24%</td>
</tr>
<tr>
<td>Discussion #1 (Parks)</td>
<td>Jan 20 2020 at 11:59 pm</td>
<td>40 pts</td>
</tr>
<tr>
<td>Discussion #2 (Food Web)</td>
<td>Feb 03 2020 at 11:59 pm</td>
<td>40 pts</td>
</tr>
<tr>
<td>Discussion #3 (Solid Waste)</td>
<td>Feb 17 2020 at 11:59 pm</td>
<td>40 pts</td>
</tr>
<tr>
<td>Discussion #4 (Nuclear &amp; Renewables)</td>
<td>Mar 09 2020 at 11:59 pm</td>
<td>40 pts</td>
</tr>
<tr>
<td>Discussion #5 (Deforestation)</td>
<td>Mar 23 2020 at 11:59 pm</td>
<td>40 pts</td>
</tr>
<tr>
<td>Discussion 6 (Artificial Reefs)</td>
<td>Apr 06 2020 at 11:59 pm</td>
<td>40 pts</td>
</tr>
<tr>
<td>Quizzes</td>
<td></td>
<td>24%</td>
</tr>
<tr>
<td>Quiz #1</td>
<td>Jan 27 2020 at 11:59 pm</td>
<td>48 pts</td>
</tr>
<tr>
<td>Quiz #2</td>
<td>Feb 10 2020 at 11:59 pm</td>
<td>48 pts</td>
</tr>
<tr>
<td>Quiz #3</td>
<td>Feb 24 2020 at 11:59 pm</td>
<td>48 pts</td>
</tr>
<tr>
<td>Quiz #4</td>
<td>Mar 16 2020 at 11:59 pm</td>
<td>30 pts</td>
</tr>
<tr>
<td>Quiz #5</td>
<td>Mar 30 2020 at 11:59 pm</td>
<td>48 pts</td>
</tr>
<tr>
<td>Campus Audit</td>
<td></td>
<td>15%</td>
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</tbody>
</table>
Campus Audit Assignment Dropbox
Due Apr 13 2020 at 11:59 pm | 150 pts

My Ecological Footprint
7% of Total

Ecological Footprint Assignment Dropbox
Due Apr 13 2020 at 11:59 pm | 70 pts

Final
15% of Total

Final Exam (Honorlock)
Due Apr 25 2020 at 11:59 pm | 50 pts

Extra Credit
5% of Total

Extra Credit
Due Apr 20 2020 at 11:59 pm | 5 pts

TurnItIn Submissions
12% of Total

Discussion 1 Dropbox
Due Jan 15 2020 at 11:59 pm | 20 pts

Discussion 2 Dropbox
Due Jan 29 2020 at 11:59 pm | 20 pts

Discussion 3 Dropbox
Due Feb 12 2020 at 11:59 pm | 20 pts

Discussion 4 Dropbox
Due Mar 04 2020 at 11:59 pm | 20 pts

Discussion 5 Dropbox
Due Mar 18 2020 at 11:59 pm | 20 pts

Discussion 6 Dropbox (Fall 2019)
Due Apr 01 2020 at 11:59 pm | 20 pts

UCC Requirement
0% of Total

Mid-Semester Grade
100 pts
Modules

Student Resources
- FIU Resources
- Technical Support
- Policies

Zoom
- Zoom Meetings

Introduction to Earth Science [OER - Textbook]
- Introduction to Env 3e.pdf

Course Introduction (Week 1)
- Getting Started-Canvas
- Academic Honesty Policy
  1 pts
- Practice Quiz
  4 pts
- Introduce Yourself
  Jan 13  | 30 pts

Environmental Science Introduction (Week 2)
- Week 2: Module Map
- Week 2 Lectures
Week 2 External videos

Week 2 Website readings

PDFs

- Introduction to Science and Env Science-Lecture Slides
- Information Literacy-Lecture Slides

Weekly Assignments

- Practice Quiz - Week 2 Content (OER)  5 pts
- Discussion #1 (Parks)  Jan 20 |40 pts
- Discussion 1 Dropbox  Jan 15 |20 pts

Population Ecology (Week 3)

- Week 3: Module Map

Population Ecology

- Population Ecology - Readings and Lectures
- Population Ecology - Website Readings
- Population Ecology - External Videos

PDF

- Hierarchical Ecology-Pop and Comm-Lecture Slides

Everglades Restoration

- Everglades Restoration - Lecture
- Everglades Resortation - Website Readings
Weekly Assignments

Practice Quiz - Week 3 Content (OER)
5 pts

Quiz #1
Jan 27 | 48 pts
Will unlock Jan 20, 2020 at 12:00 am

Biodiversity and Invasive Species (Week 4)

Week 4: Module Map

Biodiversity

Biodiversity - Lectures
Biodiversity - Website Readings
Biodiversity - External Videos

PDFs

Biodiversity PDF

Invasive Species

Invasive Species - Lectures
Invasive Species - Website Readings
Invasive Species - External Videos

Weekly Assignments

Practice Quiz - Week 4 Content (OER)
5 pts

Discussion #2 (Food Web)
Feb 03 | 40 pts

Discussion 2 Dropbox
Jan 29 | 20 pts
### Human Populations and Sustainable Communities (Week 5)

<table>
<thead>
<tr>
<th><strong>Week 5: Module Map</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Human Populations-Lectures</strong></td>
</tr>
<tr>
<td><strong>Human Populations-Website Readings</strong></td>
</tr>
<tr>
<td><strong>Human Populations-External Videos</strong></td>
</tr>
</tbody>
</table>

**PDFs**

**Sustainable Communities**

| **Sustainable-Website Readings** |
| **Sustainable-External Videos** |

**Weekly Assignments**

- **Practice Quiz - Week 5 Content (OER)**
  - 0 pts
- **Quiz #2**
  - Feb 10 | 48 pts
  - Will unlock Feb 03, 2020 at 12:00 am

### Environmental Economics and Policy (Week 6)

<table>
<thead>
<tr>
<th><strong>Week 6: Module Map</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Week 6 Lectures</strong></td>
</tr>
<tr>
<td><strong>Week 6 External Videos</strong></td>
</tr>
<tr>
<td><strong>Week 6 Website Readings</strong></td>
</tr>
</tbody>
</table>

**PDFs**

**Weekly Assignments**

- **Practice Quiz - Week 6 Content (OER)**
  - 5 pts
Solid Waste and Plastics (Week 7)

- Week 7: Module Map
- Week 7 Lectures
- Week 7 External Videos
- Week 7 Website Readings

Weekly Assignments

- Practice Quiz - Week 7 Content (OER)
  5 pts
- Quiz #3
  Feb 24 | 48 pts

Projects Assigned (Week 8)

- Week 8 Project Module Map

Ecological Footprint

- Ecological Footprint Assignment - Instructions
- Ecological Footprint Assignment Dropbox
  Apr 13 | 70 pts

Campus Audit

- Campus Audit Assignment - Instructions
- Campus Audit Assignment Dropbox
  Apr 13 | 150 pts

Supplemental Resources
Non-Renewable Energy (Week 8)

Coal
- Coal-Week 8 Readings
- Coal-Week 8 External Videos
- Coal-Week 8 Website Readings

Oil
- Oil-Week 8 Readings
- Oil-Week 8 External Videos
- Oil-Week 8 Website Readings

Natural Gas
- Natural Gas-Week 8 Readings
- Natural Gas-Week 8 External Videos
- Natural Gas-Week 8 Website Readings

Nuclear
- Nuclear-Week 8 Readings
- Nuclear-Week 8 External Videos
- Nuclear-Week 8 Website Readings

Weekly Assignments
Alternative Energy (Week 9)

- Week 9: Module Map
- Week 9 Readings
- Week 9 External Videos
- Week 9 Website Readings

Weekly Assignments

- Practice Quiz - Week 9 Content (OER)
  - Mar 09 | 10 pts
- Discussion 4 Dropbox
  - Mar 04 | 20 pts
- Discussion #4 (Nuclear & Renewables)
  - Mar 09 | 40 pts

Land Resources (Week 10)

- Week 10: Module Map
- Week 10 Lectures
- Week 10 External Videos
- Week 10 Website Readings

PDFs

- soils-overview.pdf

Weekly Assignments

- Practice Quiz - Week 10 Content (OER)
### Food Resources (Week 11)

- **Week 11: Module Map**
- **Week 11 Lectures**
- **Week 11 External Videos - Agriculture**
- **Week 11 External Videos - Sustainable Agriculture**
- **Week 11 Website Readings**

### Weekly Assignments

- **Practice Quiz - Week 11 Content (OER)**
  - Mar 23 | 10 pts
- **Discussion 5 Dropbox**
  - Mar 18 | 20 pts
- **Discussion #5 (Deforestation)**
  - Mar 23 | 40 pts

### Air Pollution (Week 12)

- **Week 12: Module Map**
- **Week 12 Readings**
- **Week 12 Website Readings**
- **Week 12 External Videos**

### Weekly Assignments

- **Practice Quiz - Week 12 Content (OER)**
  - Mar 30 | 10 pts
Quiz #5

Climate Change (Week 13)

- Week 13 Module Map
- Week 13 Lecture and Readings
- Week 13 External Videos
- Week 13 Website Readings

PDFs

- Climate change.pdf

Weekly Assignments

- Practice Quiz - Week 13 Content (OER)
  Apr 06 | 10 pts
- Discussion 6 Dropbox (Fall 2019)
  Apr 01 | 20 pts
- Discussion 6 (Artificial Reefs)
  Apr 06 | 40 pts

Water Resources Part 1 (Week 14)

- Week 14: Module Map
- Geochemical Cycles - Water Cycle (USGS)
- Week 14 Readings
- Week 14 External Videos
- Week 14 Website Readings

Florida Watersheds
## Watersheds of Florida

- **FL Watersheds Map**

### Marine Ecosystems

- **Week 14 Lectures**
- **Week 14 External Videos**
- **Week 14 Website Readings (Marine Ecosystems)**

### PDF

- **Coastal and marine habitats.pdf**

### Weekly Assignments

- **Practice Quiz - Week 14 Content (OER)**
  - Apr 13 | 10 pts
- **Campus Audit Assignment Dropbox**
  - Apr 13 | 150 pts
- **Ecological Footprint Assignment Dropbox**
  - Apr 13 | 70 pts

### Water Resources Part 2 (Week 15)

- **Week 15: Module Map**
- **Week 15 Readings and Lecture**
- **Week 15 External Videos**
- **Week 15 Website Readings**

### Weekly Assignments

- **Practice Quiz - Week 15 Content (OER)**
  - Apr 20 | 10 pts
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