This course describes the earth as a system, the various processes that affect human kind. It explains the makeup of the earth, its resources and the various uses and misuses of the same. This course will provide you with an excellent background on: (a) basic concepts of geology, rocks, minerals and earth processes; (b) information on natural hazards; (c) relation between natural resources and pollution and (d) environmental management of human activities and earth resources.

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Lab Coordinator: Mac Getz, Office: EWS 202m, Email: Mgetz@geol.sc.edu
Teaching Assistants: McCrimmon, Drake. Email: dmccrimmon@geol.sc.edu
Oliver, Benjamin. Email: Boliver@geol.sc.edu
Chesley, John. Email: Jchesley@email.sc.edu

Laboratory Sections

<table>
<thead>
<tr>
<th>Section #</th>
<th>Day of Week</th>
<th>Time</th>
<th>Teaching Assistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Monday</td>
<td>10:50 – 12:50</td>
<td>Drake McCrimmon</td>
</tr>
<tr>
<td>002</td>
<td></td>
<td>11:10 – 1:10</td>
<td>John Chesley</td>
</tr>
<tr>
<td>003</td>
<td></td>
<td>2:00 – 3:00</td>
<td>Drake McCrimmon</td>
</tr>
<tr>
<td>004</td>
<td>Tuesday</td>
<td>11:40 – 1:40</td>
<td>John Chesley</td>
</tr>
<tr>
<td>005</td>
<td></td>
<td>2:50 – 4:50</td>
<td>Ben Oliver</td>
</tr>
<tr>
<td>006</td>
<td>Thursday</td>
<td>11:40 – 1:40</td>
<td>John Chesley</td>
</tr>
<tr>
<td>007</td>
<td>Wednesday</td>
<td>8:30 – 10:30</td>
<td>Ben Oliver</td>
</tr>
<tr>
<td>008</td>
<td></td>
<td>3:30 – 5:30</td>
<td>Ben Oliver</td>
</tr>
<tr>
<td>009</td>
<td>Friday</td>
<td>9:40 – 11:40</td>
<td>Drake McCrimmon</td>
</tr>
</tbody>
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Topics:
[1] Foundations of Environmental Geology
[2] Hazardous Earth Processes
[3] Human Interactions with the Environment
[5] Global change, land use and decision-making

Grading:
Three in class 1-hour [1005-1105am] tests 02/02; 03/02; 04/04 (15% *3) 45%
Final 04/27, 9:00am 15%
Lab Exercises 40%
Early exams can be arranged ONLY if you notify Dr. Lakshmi BY EMAIL, at least one week prior to the exam date. Medical problems related issues such as make-up
exams and late assignments will only be permitted with a note from the doctor or proper authority.

Lab: 
Lab attendance is mandatory. Lab work must be turned in at the end of lab. No late homework or laboratory exercises will be accepted. Final grades will be based on STRAIGHT PERCENTAGES, 90 - 100% = A, 80 – 89% = B, 70 – 79% = C, 60 – 69% = D and < 60% = F. If you are curious about how you are doing in class add up the number of points you earned, divide by the total, multiply by 100% and check with above. Make-up labs will only be permitted with a note from the doctor or proper authority. A basic function calculator is strongly recommended for lab work. *****If you know ahead of time that you are going to miss a lab, find another section you can attend that same week and email your IA to ask them if you may attend that section instead.******

Readings:
It is a good idea to read the book before coming to class. Below is a list of all the topics covered in the lectures. In case we are covering a chapter in two lectures, please read half the chapter before the first lecture and the second half before the second lecture on that chapter.

January
10 Introduction  12 Chapter 1  17 Chapter 2  19 Chapter 2
24 Chapter 3  26 Chapter 3  31 Review
February
2 Test 1  7 Chapter 4  9 Chapter 5  14 Chapter 6
16 Chapter 7  21 Chapter 8  23 Chapter 9  28 Review
March
2 Test 2  14 Chapter 10  16 Chapter 11
21 Chapter 12  23 Chapter 13  28 Chapter 14  30 Review
April
4 Test 3  6 Chapter 15  11 Chapter 16  13 Chapter 17
18 Chapter 18  20 Final Review  27 Final Exam

Exams:
Exams are closed book and closed notes. The final will take 1 hour and it is not cumulative. The exams will be mostly multiple-choice with some fill-in the blank and essay questions. All questions will come from topics covered in lectures, the reading assignments, and the laboratory.

Laboratory Exercises (Week of):
January
9-13 No Laboratory  16-20 No Laboratory  23-27 Minerals
February
30-03 Rocks  06-10 Geological Time  13-17 Earthquakes
20-24 Topographical Maps
March
27-03 Weathering  06-10 Spring Break (No Laboratory)  13-17 Properties of Soils
20-24 Soil Infiltration  27-31 Groundwater
April
03-07 River Discharge Rates  10-14 Congaree River  17-21 Make-up lab if permitted

LABORATORY ENROLLMENT OVERIDES WILL NOT BE GRANTED. YOU MUST RESOLVE COURSE CONFLICTS WITH YOUR ACADEMIC ADVISOR AND THE REGISTRAR.

STATEMENT OF ACADEMIC HONESTY
It is the responsibility of every student to maintain academic integrity and adopt honest methods in this class. Cheating in lab exercises or exams will be grounds for review and penalty.