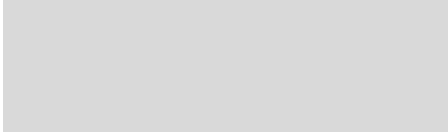


Student Assessment of Learning Gains (SALG)
PRE-Survey

The purpose of this questionnaire is to gather information about your expectations for this course and to explore your current interest and experience in the field. We ask for your student name only for comparative analysis; be assured this questionnaire will not be part of your grade. Please mark an X in the boxes that convey your opinion.

A large, empty rectangular box with a light gray background, intended for the student to enter their name.

3. As this course begins, I am confident with my skills in the following:	Not at all	Just a little	Somewhat	A lot	A great deal	Not Applicable
1. Oral communication and public speaking	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
2. Written communication	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
3. Identifying underlying conservation problems or questions	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
4. Gathering credible information and researching a topic	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
5. Sorting and filtering diverse sources of information	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
6. Predicting potential outcomes or consequences of an action or situation	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
7. Applying critical thinking to make good decisions	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
8. Collecting data and managing information	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
9. Analyzing and interpreting data	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
10. Creating and interpreting graphs and tables	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
11. Working collaboratively with and in a group	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
12. Coordinating and managing a class or real world project	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
4. How much do you think each of the following items would help your learning?	Not at all	Just a little	Somewhat	A lot	A great deal	Not Applicable
1. Lectures by the professor	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
2. Discussions led by students	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
3. Students giving presentations (individually or in group)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
4. Small group projects (in class or outside of class)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
5. Outdoor, field-based activities	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>
6. Interactive, hands-on exercises (individually or in group)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	0 <input type="checkbox"/>

5. This section is part of the New Environmental Paradigm Survey. What is your opinion about the statements below?	Strongly Agree	Mildly Agree	Unsure	Mildly Disagree	Strongly Disagree	
1. We are approaching the limit of the number of people the earth can support.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
2. Humans have the right to modify the natural environment to suit their needs	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
3. When humans interfere with nature it often produces disastrous consequences.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
4. Human ingenuity will ensure that we do NOT make the earth unlivable.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
5. Humans are severely abusing the environment.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
6. The earth has plenty of natural resources if we just learn how to develop them.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
7. Plants and animals have as much right as humans to exist.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
8. The balance of nature is strong enough to cope with the impacts of modern industrial nations.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
9. Despite our special abilities humans are still subject to the laws of nature.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
10. The so-called "ecological crisis" facing humankind has been greatly exaggerated.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
11. The earth is like a spaceship with very limited room and resources.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
12. Humans were meant to rule over the rest of nature.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
13. The balance of nature is very delicate and easily upset.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
14. Humans will eventually learn enough about how nature works to be able to control it.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	
15. If things continue on their present course, we will soon experience a major ecological catastrophe.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	

6. Demographics [It is not mandatory for you to answer these questions, your participation is voluntary. If you decide to answer these questions, your individual answers will remain confidential. We will only use the survey information in the aggregate to study statistical results.]

1. What is your sex? ☐ Male ☐ Female
2. What is the race or ethnicity that you most closely identify with? ☐ White/Caucasian ☐ Black/African American ☐ Hispanic or Latino/not White ☐ Native American ☐ Asian or Pacific Islander ☐ Other
3. What is your class standing (by credits earned)? ☐ Freshmen ☐ Sophomore ☐ Junior ☐ Senior ☐ Other
4. What is the main reason why you are taking this particular course? ☐ Major requirement ☐ General science requirement ☐ Elective ☐ Interest ☐ Other
5. What grade do you expect to get in this course? ☐ A ☐ B ☐ C ☐ D ☐ F ☐ Other

6. What is your academic major?

THANK YOU for your feedback!