

## Merging Earth Science with Environmental Education 452 Survey (MESEES)

For each of the statements below, *CIRCLE* the dot which reflects your attitudes/opinions about ES topics covered in this class. Remember, there are no right or wrong answers, your honest opinion is wanted

### Pre-class Survey

LA	<i>In general, ...</i>	<i>Strongly Agree</i>		<i>Neutral</i>		<i>Strongly Disagree</i>
1.	I think learning about my local environment is important.	•	•	•	•	•
2.	I think Earth science knowledge is important for learning about my local environment.	•	•	•	•	•
3.	I think relating science knowledge to my local environment is important to help mitigate environmental problems.	•	•	•	•	•
4.	I think field experiences are necessary for study in science-related fields.	•	•	•	•	•
5.	I think I should be socially responsible for effecting change to preserve our environment.	•	•	•	•	•
6.	I think Earth science helps us solve environmental, as well as other societal issues.	•	•	•	•	•
7.	I think taking EDU452 will contribute to my understanding of Earth science.	•	•	•	•	•
LI	<i>In general, ...</i>	<i>Strongly Agree</i>		<i>Neutral</i>		<i>Strongly Disagree</i>
8.	I am interested in Earth science.	•	•	•	•	•
9.	I am interested in environmental education.	•	•	•	•	•
10.	I usually spend some of my free time looking into Earth science topics and environmental issues.	•	•	•	•	•
11.	I enjoy exploring Earth science and environmental topics through field experiences.	•	•	•	•	•

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12.	I enjoy “doing” science and figuring out ways to answer my own questions.	•	•	•	•	•
12.a.	Connecting Earth science to environmental topics sounds interesting to me.	•	•	•	•	•
12.b.	I am interested in how to teach Earth science related content.	•	•	•	•	•
CT	<i>Regarding Earth science ...</i>	<i>Strongly Agree</i>		<i>Neutral</i>		<i>Strongly Disagree</i>
13.	I believe I have the confidence to teach Earth science topics.	•	•	•	•	•
14.	I am comfortable with teaching Earth science through inquiry-based activities as opposed to from worksheets or textbooks.	•	•	•	•	•
15.	I am interested in teaching Earth science as part of my teaching career.	•	•	•	•	•
16.	I am uncomfortable with the prospect of teaching Earth science.	•	•	•	•	•
16.a.	I feel capable of explaining the connection between Earth science and the environment to my future students.	•	•	•	•	•
BK	<i>Please answer the following short answer/ fill in blanks/ true&amp;false questions to the best extent of your knowledge:</i>	<i>True</i>	False	I don't know		
17.	List three or four topics that have to do with Earth science.	_____	_____	_____	_____	
18.	Briefly describe the difference between a mineral and a rock.	_____	_____	_____	_____	
19.	What is the largest source for drinking water on this planet?	_____	_____	_____	_____	
20.	There are 4 seasons on Earth because we are closer to the Sun in summers and farther away in winters.	•	•	•		

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21. Vancouver is located on the Juan de Fuca plate. • • •
22. Vancouver was covered by a thick ice sheet about 25,000 years ago. • • •
23. Most of the raw materials for the waste of Vancouver come from mining and petroleum. • • •
24. I am able to recommend a place in Vancouver to buy a house that is geologically “safe” to a friend. • • •

*Thank you for filling out this questionnaire! (please return it to your instructors)*