

Ocean Literacy Survey, Required but Not Graded

Answer all the questions, but you will not be penalized for incorrect answers.

Name:

Demographics:

Year: a) Freshman b) Sophomore c) Junior d) Senior

Major:

Classify your major:

- a) Science, Technology, Engineering, Math
- b) Humanities and Social Sciences
- c) Education
- d) Other, please explain:

What is the main reason you are taking this course?

- a) introductory oceanography (not other science course) is required for my major
- b) general education requirement
- c) simple curiosity

Mark the two or three ways you have learned most about the ocean (before this class):

- a) formal education: a whole course in ocean science
- b) formal education: just touched on ocean science in other courses
- c) informal education: aquarium, museum, camp
- d) personal experience: actually going to the beach
- e) friends and family: in conversation
- f) media: TV, magazines, etc
- g) other: please explain

How often do you visit the beach or shore?

How often do you visit an aquarium, zoo or museum where you might learn about the ocean?

Attitudes about the Ocean and Oceanography

How much do you agree with the following statements?

1 = disagree strongly, 2 = disagree, 3 = neutral, 4 = agree, 5 = agree strongly

- 1) My actions can have a significant effect on the health of oceans and coastal areas.
- 2) I am familiar with the issues facing the coastal areas in my home state
- 3) I could write a letter to my congress representative about an issue affecting the ocean.
- 4) I enjoy discussing the ocean with my friends and family.

- 5) Knowledge in oceanography consists of many disconnected topics.
- 6) I cannot learn oceanography if the teacher does not explain things well in class.
- 7) I study oceanography to learn knowledge that will be useful in my life outside of school.
- 8) The subject of oceanography has little relation to what I experience in the real world.
- 9) To understand oceanography, I sometimes think about my personal experiences and relate them to the topic being analyzed.

Understanding the Ocean:

- 1) What would the earth be like without an ocean?

- 2a) How deep is the ocean, on average?

a) 100 yards	b) 1 mile	c) 500 meters	d) 4000 meters
e) 20,000 leagues	f) 6000 kilometers		

- 2b) What familiar size or distance is similar to the depth of the ocean?

- 3) How much of the Earth is covered with ocean?

- 4) What fraction of the water on earth is in the ocean?

- 5) Is the draining of your kitchen sink affected by the earth's rotation?

- 6) What produces most of the earth's oxygen?

a) forests	b) plants in the ocean	c) both equally
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- 7) Where is a greater variety of living organisms found?

a) on land	b) in the ocean	c) both equally
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- 8) What is the essential nature of barrier islands?

a) stasis and stability	b) motion and change
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- 9) In general, what is the effect of human attempts to stabilize the shoreline?

a) increased erosion	b) decreased erosion	c) no effect
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- 10) What causes the **most** ocean pollution?

a) industrial waste	b) litter from beaches	c) runoff from land
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- 11) Name a few ways your actions affect the ocean.