



Classroom Series – Module #1

Name: _____ Date: _____ Class: _____

An Introduction to the Integrated Ocean Observing System

Directions: After logging on to www.cencoos.org, follow the “Classroom” link. You will see a link for “CeNCOOS Classroom Series – Module #1”. As soon as you click on this link, the program will begin. There will be a short quiz at the end of this program so follow along closely and use this handout to include your responses or other notes as you work through this module. You may proceed through the program in any order from the Menu page. Good luck!

Learning Objectives

In this presentation you will learn (check each as you hear them stated):

1. What is the Integrated Ocean Observing System (IOOS)
2. What instruments and methods are used in making real-time ocean observations
3. Who are the users of the integrated ocean observing system
4. What are some of the advantages or benefits of the integrated ocean observing system

Overview of IOOS:

1. How many IOOS Regional Member Organizations are there?

2. What kinds of data are available through integrated ocean observing? (list at least three)

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IOOS Instruments

1. What are the 5 kinds of ocean observing instruments presented in the program?
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2. What is the main difference between a Mooring and a Drifter?
3. What does HF (as in "HF Radar") stand for and what specifically does HF Radar measure?

IOOS Partners and Users

1. While you listen to each of the IOOS-Related podcasts, describe how ocean observing relates to the story you hear.
 - Federal:
 - State:
 - Local:
 - Academic/Research:
 - Private:

2. Of the IOOS partners/Users mentioned in this section, which would you personally consider to be the most significant and *why*?

Benefits of IOOS

1. List three ways that IOOS benefits society.

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Your Quiz Results

After taking the quiz, list your results as they appear on the screen.

Your Score: _____

Max Score: _____

Accuracy: _____

Number of Questions: _____

Questions Correct: _____

Number of Quiz Attempts: _____

Summary

Check "Yes" or "No" for each of the following questions:

1. Do you know what the Integrated Ocean Observing System (IOOS) is?
 Yes No
2. Can you list at least four instruments that scientists use for making integrated ocean observations Yes No
3. Can you list 5 different users/partners of the integrated ocean observing system? Yes No
4. Can you describe how the integrated ocean observing system is of value or benefit to society and to you? Yes No

If you answered "No" to any of the above questions, you are encouraged to work through the **CeNCOOS Classroom Series – Module #1** again.