

# Climate Change Collection Scorecard

Date: March 13, 2005

Reviewer: Jack Ganse

Name of resource: Ocean and Climate Change Institute: Abrupt Climate Change

Sponsoring Organization: Woods Hole Oceanographic Institution

URL: [http://www.whoi.edu/institutes/occi/currenttopics/ct\\_abruptclimate.htm](http://www.whoi.edu/institutes/occi/currenttopics/ct_abruptclimate.htm)

Site Homepage: <http://www.whoi.edu/institutes/index.htm>

RESOURCE WITHIN A SITE? ☒ Y / N

FOUND THROUGH DLESE? Y / ☒ N

IF SO, WHICH COLLECTIONS?

**RECOMMENDATION** ☒ YES YES WITH RESERVATIONS NO

**STARS** 1 2 3 4 ☒ 5 (LAME TO STELLAR)

**NARRATIVE** (USE OTHER SIDE IF NEEDED) This website serves as a clearinghouse for research into oceans and abrupt climate change at the Woods Hole Oceanographic Institution. Through its articles, the site caters to many different audiences:

- ❖ There is an article addressing the science in the movie "Day After Tomorrow"
- ❖ There is testimony to the Senate Committee on Commerce, Science, and Transportation
- ❖ An FAQ addresses common misconceptions about abrupt climate change
- ❖ Summaries of current research into abrupt climate change are provided
- ❖ Many animations and interactives are used to illustrate ocean circulations and data collections
- ❖ There are links to stories in the media concerning ocean research climate change

## INTENDED USE

☒ X REFERENCE

☐ COMPUTER ACTIVITY

☐ NON-COMPUTER ACTIVITY

EDUCATOR, LEARNER OR ☒ BOTH (CIRCLE) IF FOR LEARNER, EVIDENCE ITS BEEN TESTED? Y / ☒ N

BEGINNER OR ☒ ADVANCED (CIRCLE)

**Easily Printed?** ☒ Y / N Many PDF files and printer friendly versions of articles and presentations are provided...

## BUGS & TECHNICAL DIFFICULTIES (PROBLEMATIC TO ROBUST)

1 2 3 ☒ 4

COMMENTS: None

## SCIENTIFIC ACCURACY- FACTUAL ERRORS/OMISSIONS (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 3 ☒ 4

EVIDENCE IT HAS BEEN REVIEWED FOR ACCURACY? ☒ Y / N

COMMENTS: Well referenced...

## PEDAGOGICAL INFORMATION

☒ X REFERENCE ONLY

☐ TEACHER GUIDE

☐ MATERIALS LIST

☐ ASSESSMENT STRATEGIES

☐ TIMEFRAME PROVIDED

☐ STANDARDS ALIGNMENT INDICATED

## PROMOTES STUDENT LEARNING (WEAK TO STRONG)

1 2 ☒ 3 4

COMMENTS: With teacher guidance, this website could be used to help students learn about how ocean circulations work and how global warming may affect these. The animations and interactives are quite effective.

**APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)**

1 2 3 ☒ 4

COMMENTS: This site clearly takes advantage of the power of the internet to bring its message to readers.

**VISUAL APPEAL (WEAK TO STRONG)**

1 2 3 ☒ 4

COMMENTS: The design is clean, easy to navigate, colorful, and appealing.

**TEACHING TIPS: ANNOTATION DESCRIBING HOW SITE COULD BE USED OR ADAPTED FOR CLASSROOM:**

There are many ways educators could take advantage of this website for classroom use. The animations could be projected in the classroom to help show how oceans circulate. A scavenger hunt or webquest could be developed using this site. The article which responds to the movie "Day After Tomorrow" is a real boon to teachers whose students are always asking if what happens in movies can happen for real. The links to media stories make for good classroom reading and discussion.

**RECOMMENDATION: ANNOTATION DESCRIBING HOW THE DEVELOPER COULD IMPROVE THE SITE.** There are no actual teacher activities that go along with the information provided at this site. An educational outreach consideration would be appreciated as to how teachers might use this site in their classrooms.

Revised 12/3/04