

CLIMATE CHANGE COLLECTION SCORECARD

Date: 3/12/05

Reviewer: Ellen DeBacker

Name of resource: Ocean Surface Topography from Space

Sponsoring Organization: NASA Oceanography

URL: <http://topex-www.jpl.nasa.gov/overview/overview.html>

Site Homepage: <http://topex-www.jpl.nasa.gov/index.html>

RESOURCE WITHIN A SITE? **Y** / N

FOUND THROUGH DLESE? **Y** / N

IF SO, WHICH COLLECTIONS? DWEL, DLESE Reviewed Collection

RECOMMENDATION **YES** YES WITH RESERVATIONS NO

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

NARRATIVE (USE OTHER SIDE IF NEEDED)

This site has good information on how scientists get information about the ocean, how the ocean is important to weather/climate, and the impacts of global warming. It uses Quicktime movies to present information. There is a lot of information, but not specific teacher's guide for this site. However, there is an educational section that gives other sites and activities related to this topic.

INTENDED USE

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**

BUGS & TECHNICAL DIFFICULTIES (PROBLEMATIC TO ROBUST)

1 2 **3** 4

COMMENTS

Easier with a faster connection.

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

1 2 3 **4**

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

COMMENTS

This is a NASA site based on the missions.

PEDAGOGICAL INFORMATION

REFERENCE ONLY

TEACHER GUIDE

MATERIALS LIST

ASSESSMENT STRATEGIES

TIMEFRAME PROVIDED

STANDARDS ALIGNMENT INDICATED

PROMOTES STUDENT LEARNING (WEAK TO STRONG)

1 2 3 **4**

COMMENTS

The movies/graphics are well done, and seem to enhance understanding of the text. They are on black background which can be difficult to read at times. A large screen would be helpful.

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 3 **4**

COMMENTS

It is easy to get lost on this site. The movies/graphics are good.

VISUAL APPEAL (WEAK TO STRONG)

1 2 3 **4**

COMMENTS

The movies add visual appeal to students.

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

A teacher would need to develop a strategy for how the students would use this site. If just exploring, there is lots to learn. It is easy to loose where you are in the site, making it difficult for students to be sure they got where they needed to go. The information is good. Some time spent by the teacher would help. There may be something buried in the education link of the site for using it, but I wasn't able to find it. Using a movie as an add on to class information would be valuable.

RECOMMENDATION: ANNOTATION DESCRIBING HOW THE DEVELOPER COULD IMPROVE THE SITE.

White on black is hard to read, but it does look cool! It is easy to get lost in the site. A guidance system would help students to hook the different pieces together.

Revised 12/3/04