

CLIMATE CHANGE COLLECTION SCORECARD

Date: 3/12/05

Reviewer: Ellen DeBacker

Name of resource: Global Warming – Impacts

Sponsoring Organization: U.S. Environmental Protection Agency (EPA)

URL: <http://yosemite.epa.gov/oar/globalwarming.nsf/content/Impacts.html>

Site Homepage: <http://yosemite.epa.gov>

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

FOUND THROUGH DLESE? **Y** / N

IF SO, WHICH COLLECTIONS? DLESE Community Collection

RECOMMENDATION YES **YES WITH RESERVATIONS** NO

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

NARRATIVE (USE OTHER SIDE IF NEEDED)

Good for ideas of how biomes would change, but not tied to how the data was gathered. The changes are given as many possibilities which helps, but with numbers the possibilities would seem as fact to students. The quiz can be helpful, but there is no overall view of how it is set up for the teacher to use as background. The quiz seems to be an after-thought.

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

Able to navigate well.

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

1 2 **3** 4

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

COMMENTS

I would assume that the EPA had checked this for accuracy, but can not tell. It was last updated in 2000, so information may have changed. However, the wording is couched as possibilities depending on how precipitation patterns go etc.

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

Students would be able to see what possible changes would occur in different biomes, but they need to be self motivated to move through all the biomes. If the students use the quiz, it appears to take them to all the different biomes. However, students could scan for the answer and miss other information. The site does not give any background in why these changes could occur, so would need to be prefaced by previous learning on climate change.

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 **3** 4

COMMENTS

Pictures don't correlate to the text. The test question idea is not the most effective technique for surveying the site.

VISUAL APPEAL (WEAK TO STRONG)

1 2 **3** 4

COMMENTS

Site looks nice.

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

You can't seem to get the overall vision of the site or what the quiz will lead you to. That would be extremely helpful for the teacher. The teacher would also need to use this site as only a potential impact site after teaching about climate change since there is no tie to research or what the background is for the claims of change. Could be a good resource for "what ifs." Definitely not a stand alone site.

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

Give more background information on where the data came from that the claims are being based on. Give the teacher some overall vision of the site and what the quiz can do. Hard to tell who the site is built for, as scientists probably would not use it and it does not give clear ties to the research for student use.

Revised 12/3/04