

DLESE Quality Workshop: June 30 to July 1, 2003

Proto-recommendations on:

## CRITERIA

### Reaffirmed criteria of relevance of Earth System Education ("Strive")

(need a definition, clear, widely-disseminated, including definition of "relevant to")

(are we about "Earth System Education" or "Earth System Science Education"?)

tools available: AAAS concept maps

### Reaffirmed criterion of "works technologically." ("Strive")

Needs to be fleshed out operationally.

"Defects that inhibit intended use of the resource."

### Well-documented

- required: attribution to a person or organization

- highly favored: contact information

-----

"DLESE reserves the right to decline or remove any resource it deems inappropriate, and to describe the resource as it sees fit. "

- Need a mechanism for people to complain that they think a resource is inappropriate.

- Possible mechanism: Collections Committee [or possibly review board] reviews resource, makes a decision, and reports to Steering Committee.

Advertising:

We favor resources with no or minimal advertising. When advertising is present, we favor resources where the presentation and content of the advertisements do not detract from the overall learning experience.

But we cannot realistically eliminate all resources with advertising.

Exclude????? distracting, adult content, unrelated to education or to the content of the resource, "detracts from the educational effectiveness of the resource."

(This is not meant to exclude for-fee genuine educational materials.)

(This is not meant to exclude corporate sponsorship.)

-----  
Favor resources that align with library objectives and upcoming milestones as described in the strategic plan and other high-level DLESE policy documents.

examples:

historical: expansion from undergrad focus to include K-12

future, geo-referencing

Favor gathering of resources that fill gaps and thin spots within the DLESE Scope.

(DLESE informs the community of potential resource creators of where gaps and thin spots exist in the Collection, and provides assistance (workshops, evaluation tools, best practices guidance) to help creators make needed resources.)

## Scientific Validity: Threshold criterion

DLESE strives to include only resources that reflect sound scientific principles and practices and current scientific knowledge.

(This needs to be fleshed out with examples.)

...idea of historical documents representing a previous generations' current scientific knowledge would be included if flagged.

-----

DLESE favors resources that have an obvious and intended utility for teaching, research or learning about the Earth System.

For those resources which are designed as learning materials, DLESE favors resources which include articulated learning goals and assessment mechanisms (...educational quality).

.....need more thought on educational quality....

-----

DLESE favors resources that are free or available at low cost to educational users.

-----

For those resources that are annotations, DLESE favors constructive, value-added annotations. Metadata workshop please talk about annotation also.