Data Access Working Group Meeting (DAWG)
November 17-18, 2003
Requested Outcomes

1. Review and possible revision of the charge to the DAWG

    The original charge to the DAWG in February 2001, found on the DAWG Web page on the DLESE Web site, is as follows:

    To serve the needs of the earth-system education community (particularly one whose mission is to promote active student-centered learning), a digital library must facilitate learner access to data that earth scientists find vital. The data (such as satellite images, model calculations, and earthquake, atmospheric, and oceanographic datasets) must meet the following requirements:
    *   Be extracted from, or processed as, a very large dataset (up to tens of gigabytes is not uncommon)
    *   Be used in near real time
    *   Use visualization and processing tools to fully exploit

    The DLESE Data Access Working Group (DAWG) has been asked by the DLESE community to explore what it means to incorporate datasets into a digital library with an educational mission. In particular, the DAWG will address how DLESE can:
    *   Facilitate discovery across distributed data archives
    *   Provide tools to help instructors and learners parse, process, and visualize datasets
    *   Facilitate the integration of seemingly disparate datasets
    *   Facilitate the development and dissemination of educational content that utilizes datasets and datastreams

2. Statement of how the DAWG will run and the selection of a chair

3. Review and updating of the recommendations made by the previous DAWG and the Developers Workshop (see additional documents).

4. Provide guidance on the DLESE Data Services Workshop agenda, after reviewing planning to date, to facilitate successful workshops. (See brief draft agenda, details to be discussed at meeting)

5. Provide recommendations of possible strategic partners for DLESE Data Services.

The strategic partner effort has been described as follows:

"We will develop strategic partnerships with groups who have discipline specific datasets and data access and analysis tools and a vested interest in 1) integrating their data with other datasets to create compound documents, and 2) developing educational modules using their data and data analysis tools, will be identified early in our effort. We will select up to three groups with which to work each year. We will identify the datasets and tools they have, other groups with which they are interested in interacting, and explore potential educational applications of their resources. The project will fund a team from each group to attend the DLESE Data Services Workshop (in addition to the 20 participants included for full funding). These groups will participate in strand groups with a total of about 9 participants each representing other data providers, tools developers, and curriculum developers/educators as determined by our pre-meeting discussions. During the workshop they will identify issues related to data access and analysis, determine the directions of their EET chapters and begin their development. After the meeting we will follow up with the strategic partners, as with the other groups to facilitate the completion of their EET chapters."

Draft Agenda for DLESE Data Services Workshop

Time	Day 1	Day 2	Day 3	Day 4	Day 5
	Technical Focus	Joint Sessions-Technial/Education	Joint Sessions-Technial/Education	Educational Focus	DAWG Meeting
7-8:30	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
8:30-9:00	Welcome/Review of Purpose Review of Strawman Plan for Future Development	Welcome/Review of Purpose	Plenary Session	Plenary Session	Welcome/Review of Purpose Debrief on just completed workshop
9:00-9:30	Discussions of Priorties for Future Development in light of results from Needs Assessment	Review of Meeting Structure	Reports on evolving ideas	Review of Purpose	
9:30-10:00		Overview of THREDDS and EET	Problems/Issues encountered	Review of Assessment wrt educational issues	Review of issues to be addressed by DAWG
10:00-10:30	Break	Break	Break	Break	Break
10:30-11:00	Breakout Sessions Discussions of how individual projects/programs fit into the strawman plan and recommendations for changes to that plan	Plenary Session	Breakout Sessions	Breakout Sessions Discussions of evolving EET chapters in the context of results of needs assessment and teaching standards	Breakout Sessions
11:00-11:30		Review of results from Needs Assessment	Begin to develop an EET chapter with focus on using the data and the interfaces		Discussions of Individual Issues - develop ideas/strategies/recommendations
11:30-12:00	Disscussions of data provider, tool builder, and interoperability needs	Presentation of Exemplars of the Use of Earth Science Data in Educational Modules	Enter ideas discussed in swiki	Enter ideas discussed in swiki	Enter ideas discussed in swiki
12:00-1:30	Lunch	Lunch	Lunch	Lunch	Lunch
1:30-2:00	Breakout Sessions Continued discussions of how individual projects/programs fit into the strawman plan and recommendations for changes to that plan	Breakout Sessions	Breakout Sessions	Breakout Sessions Continue to develop EET chapters insuring that standards are being addressed and incorporating effective teaching methods	Breakout Sessions
2:00-2:30		Discussion of available datasets and tools. Discussion of what is needed in education - data, interfaces/usability. Enter ideas discussed in swiki	Continue EET chapter development with focus on addressing technical issues		Discussions of Individual Issues - develop ideas/strategies/recommendations
2:30-3:00			Enter ideas discussed in swiki	Enter ideas discussed in swiki	Enter ideas discussed in swiki
3:00-3:30	Break	Break	Break	Break	Break
3:30-4:00	Plenary Session	Breakout Sessions Strategize on the type of inquiry based activity might be developed with available data - address issues of access, usability Formulate idea to be expanded into an EET chapter. Enter ideas discussed in swiki	Plenary Session	Plenary Session	Plenary Session
4:00-4:30	Revise strawman plan to reflect plans for work in the next year.		Reports on developing EET chapters: 1. Technical Issues, 2. Educational Issues	Reports on developing EET chapters 1. Addressing standards 2. Effective teaching methods	Report on Breakout discussions
4:30-5:00			Exit Evaluation		Summarize Recommendations of DAWG - enter into swiki
5:00-6:00	Break	Break	Break	Break	Break
6:00-8:00	Dinner	Dinner	Dinner	Dinner	Dinner

October 28, 2003