DLESE 2004 Annual Meeting Program
University of Wisconsin-Madison
July 11 – 13, 2004

<u>**Saturday, July 10**</u>

7:00 am – 8:00 am – Breakfast .... Gordon Commons

8:00 am – 4:30 pm –Skills Workshops .... Gordon Commons
   See full details in Saturday Skills Workshop Program

11:00 am – 5:00 pm – Check-in .... Witte Residence Hall Lobby
             Arrivals outside of these hours, please check-in at the Witte Residence Hall desk

12:00 pm – **1:15 pm Newcomers Lunch** .... Gordon Commons
New to DLESE or to a DLESE annual meeting? Join us for a special luncheon for newcomers—
it's an opportunity to get acquainted with other attendees, ask questions about the library, find out
how it is of use to your education efforts, and learn how to make the most of the Annual Meeting.

A separate seating area is available for those who wish lunch but don't wish to participate in the
Newcomer session. Confirmation of evening picnic activities site will also be made at this time (in
case of rain).

3:00 pm – 5:00 pm – Strand Leaders/Facilitators Workshop .... Grainger Computer Lab 2290
Vivian Williamson, Stephanie Stockman. All strand leaders are asked to attend.

5:00 pm – 6:00 pm – Transportation .... Walk or shuttles to Tripp Commons

5:30 pm – 7:30 pm – Welcome Reception / Picnic .... Tripp Commons
Welcoming remarks: Steve Ackerman, Site Host
In case of rain, Carson Gully, 2nd floor

7:00 pm – 8:00 pm – Transportation ..... Walk or shuttles from Tripp Commons to Witte Residence Hall

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Sunday, July 11

7:00 am – 8:00 am – Breakfast .... Gordon Commons

8:15 am – 8:30 am .... Walk to Educational Science Bldg, IMDC, from Gordon Commons

8:30 am – 10:00 am – Opening Session .... Educational Science Bldg, IMDC

- *Meeting Welcome:* Steve Ackerman, Conference Site Host, UW-Madison
- *UW Welcome:* Ed Meachen, Associate Vice President of UW System-wide Information
  Technology
- *DLESE Leadership:* Dogan Seber, Chair, DLESE Steering Committee
- *NSF Perspectives:* Mike Mayhew, National Science Foundation
- *Using DLESE for Teaching and Learning*: Russanne Low, University of Minnesota; and
  Rajul Pandya; UCAR/SOARS Program
- *Meeting Goals and Objectives:* David Steer, Planning Committee Chair
- *Meeting Logistics:* Maria Vasys, Site Coordinator

   10:00 am – 10:30 am – Break .... Grainger Atrium

10:30 am – 12:00 pm – Exploring the Issues ....assigned Strand Rooms
1st Strand Working Session: The strand format provides an opportunity for participants to become familiar with issues of interest, with DLESE resources, and to engage themselves in future development of DLESE as it evolves to the premier teaching and learning tool for Earth System Education of the 21st century. Meeting participants will attend a strand that focuses on areas of interest based on preferences expressed during registration (see Strand overview and Strand participants).

This session will provide the background information necessary to develop group and individual goals. Session 1 goals are: to get acquainted with fellow strand members and their priorities and interests; identify an on-line report-out form (Swiki) editor for the group; review previous meeting outcomes; understand the enabling question and suggested deliverables; and develop an engagement plan for the afternoon mini-workshops session. Participants will register with the library during this session. Room assignments remain the same for all strand sessions, unless otherwise noted. Report progress on strand Swikis (online work area).

Defining and Developing a Quality and Comprehensive Collection

Strand 1 - How can an educator/school/district use DLESE to create or supplement curricula?
Randy Sachter, Nederland Middle/Senior High School......................Sunday and Monday: Grainger 1175

Strand 2 - How do we assess quality for visualizations, models, data and other data-related resources?
Michelle Hall, Science Education Solutions ....Sunday and Monday: Grainger 1185

Strand 3 - How can we strengthen and expand the formal review process? How do we increase participation of the community?
Annette DeCharon, Bigelow Laboratory for Ocean Sciences; Don Elthon, University of Houston..............
....Sunday and Monday: Grainger 1230

Strand 4 - How can the community better leverage and facilitate collaborations? How do we link data providers, tools creators and curriculum developers through the library?
Diane Schweizer, NASA ....Sunday and Monday: Grainger 1240

Reaching New Users through Outreach Materials, Library Resources and Services

Strand 5 - How can we better train and engage pre-service teachers to use DLESE?
Russanne (Rusty) Low, University of Minnesota............Sunday: Grainger 2270; Monday: Grainger 2280

Strand 6 - How can we better train and engage in-service teachers?
Albert Lewandowski, Port Huron Area Public Schools...Sunday: Grainger 1140; Monday: Grainger 1070

Strand 7 – How can we encourage scientific researchers to contribute to DLESE?
Richard Clark, Millersville University ....Sunday: Grainger 1170; Monday: Grainger 1220

Strand 8 – How should DLESE include contributions from education researchers and the broader education community? What is the place for education research within DLESE?
Jill Singer, Buffalo State College ....Sunday: Grainger 1180; Monday: Grainger 2185

Making Effective Use Of Library Resources And Services

Strand 9 – How can we better assess the effective use of DLESE resources used by teachers and learners in the K-12 education community?

Frank Ireton, SSAI and NESTA .... Sunday and Monday: Grainger 1270

Strand 10 – How can we better assess the effective use of DLESE resources used by teachers and learners in the undergraduate and informal education community?
Cathryn Manduca, Carleton College .... Sunday: Grainger 2170; Monday: Grainger 2080

<u>**Enhancing the Diversity of DLESE**</u>

Strand 11 – How can educators and developers use DLESE to best meet the needs of diverse learners? How does the DLESE collection and system currently reflect the needs of diverse users and educators and what strategic partnerships should be developed to enhance the diversity of DLESE?
Dawn Adams, Tapestry; Frank Hall, University of New Orleans; Sharon Locke, University of Southern Maine ....Sunday: Grainger 2180; Monday: Grainger 2120

12:00 pm – 1:30 pm – Lunch..Gordon Commons

Share Fair presenters may also set up at this time ....Fluno Center, 2nd floor

1:30 pm – 3:00 pm – Strand Exploration Phase .... Selected Computer Labs and Rooms
This session is designed to allow new and experienced users to become more familiar with DLESE and their strand topic by attending one of the five concurrent mini-workshops listed below, or by self exploration in the computer lab. We recommend that new users attend a mini-workshop or work directly in the open computer lab (White Library lab, 2nd floor) with an experienced DLESE user. Participants are not assigned to specific mini-workshops, however, suggestions for mini-workshops appropriate to each strand are found in the Strand Overview section.

> *1. Just for Faculty: On-line Resources Linking Methods and Examples*
> This session will focus on how faculty design a class. Based on a discussion of the problems faculty face in creating lectures and labs, we will explore on-line resources designed to ease class preparation and enhance student learning.
> Cathryn Manduca, Carleton College..Van Hise 250

> *2. Using DLESE Effectively for Earth Science Education*
> This workshop will explore how DLESE supports the classroom teacher. Engaging in hands-on science is the way to teach—involving students in their own education.
> William Huskin, Central Bucks School District.. Van Hise 259A

> *3. Using DLESE: Finding Resources to Enhance Teaching*
> This session will address the challenges that educators face in finding appropriate electronic resources for integrating into their teaching. We will discuss how digital libraries can aid in this effort, and strategies for effective searching. A connection between learning goals and resource
> type is presented with specific examples. Participants will have an opportunity to explore the examples as well as perform their own targeted searches to support topics they will teach in the coming year.
> Holly Devaul, Shelley Olds, DLESE Program Center ....Gordon Commons, ARCH Lab

> *4. Reviewing Digital Resources for Educational Uses*
> Did you use a DLESE resource and find it wonderful? Or terrible? Did you find a way to modify a DLESE resource to make it work better for a particular audience or locale? DLESE encourages you to share such insights with other educators and learners in the DLESE community.
> Participants in this workshop will learn how to provide feedback on DLESE resources via the Community Review System (CRS), and how to access feedback which has been provided by previous users of the resource.

Kim Kastens, Lamont Doherty Earth Observatory, Columbia University...............White Library 1193B
5. Providing a High Quality DLESE Experience for All
The National Science Foundation has funded an effort to assess the effectiveness of the current policies and procedures for assuring the high quality of all resources and services within DLESE, and to develop a plan for implementing a more comprehensive, integrated approach. This session will review current thinking about what the ideal DLESE might be, and some of the key questions that need to be addressed to reach that idea.
Michelle Hall, Science Education Solutions; Don Elthon, University of Houston; Annette DeCharon, Bigelow Laboratory for Ocean Sciences ....Van Hise 274

Open Lab for self exploration...White Library lab, 2nd floor

3:00 pm – 3:30 pm – Break – Sundae bar with Babcock Hall ice cream ....Grainger Atrium

3:30 pm – 4:30 pm – Using DLESE to Improve Earth System Education
Jack Fellows, DLESE Executive Director...Educational Science Bldg, IMDC

3:30 pm – 4:30 pm – Share Fair Setup: Fluno Center ....Fluno Center, 2nd floor
Participants presenting during the Share Fair will set up their posters and presentation materials.

4:30 pm – 5:30 pm – Town Hall Meeting ....Educational Science Bldg, IMDC
All participants are encouraged to attend this informational meeting with the DLESE Steering Committee and the DLESE Management Council. This is your opportunity to meet new and continuing Steering Committee members and Management Council staff, ask questions, and directly provide your input to DLESE leaders to help shape the future of DLESE.

5:30 pm - 6:00 pm – **Strand Leader Meeting** ....Fluno Center 219
Dave Steer, Stephanie Stockman. All strand leaders are asked to attend.

6:00 pm – 10:00 pm – Share Fair and Reception...Fluno Center, 2nd floor
The Share Fair provides an opportunity for participants to share resources, collections, or services they have created. Come enjoy refreshments and a light dinner as you talk with presenters about their work and how it can be used in your classroom to enhance teaching and learning. See Share Fair abstracts and presenters.

Monday, July 12

7:00 am – 8:00 am – Breakfast ....Gordon Commons

8:30 am – 10:00 am – Plenary Session..Educational Science Bldg, IMDC

Review of Meeting Goals/Objectives: David Steer, Planning Committee Chair

Steering Committee Slate Ratification: Dogan Seber, Steering Committee Chair

Keynote Address: Should We Be Alarmed? Jean May-Brett. Jean is the Math Science Partnership Program Coordinator for the Louisiana Department of Education, was Assistant Director of Educational Television Technology at Louisiana Public Broadcasting. During her 25-year teaching career Jean taught middle and high school Earth Science, Environmental Science, and Mathematics, in New York and Louisiana.

Meeting Logistics: Maria Vasys, Site Coordinator

10:00 – 10:30 Break ....Grainger Atrium

10:30 am – 12:00 am - Strand Engagement Phase...assigned Strand Rooms
2nd Strand Working Session: Goals and activities include a short review of prior day activity; assign issues, topics, or goals that strands will discuss; develop and record brief individual post-meeting engagement goals as well as strand goals; and determine what activity, funding proposal, or strategy related to your strand would enhance DLESE as a Teaching and Learning Tool. Record your ideas and plans on strand Swikis.

12:00 pm – 1:30 pm – Lunch..Gordon Commons

1:30 pm – 3:00 pm – Strand Synthesis Phase ....assigned Strand Rooms
3rd Strand Working Session – Strands will further refine ideas for addressing goals and elaborate on strategies and specific actions. In the past, these actions have included submitting proposals, collaborating with DLESE, and developing new resources or collections. Please record ideas and resources identified into the strand Swikis.

3:00 pm – 3:30 pm – Break ....Grainger Atrium

3:30 pm – 5:30 pm – Strand Extension Phase...assigned Strand Rooms
4th Strand Working Session: Strands will finalize strategies and actions. Each group should also include any opportunities for collaboration or strategic partnerships; identify opportunities and articulate key needs; develop post-meeting plans to continue strand topic development (post-meeting goals and plans/milestones). Prepare for strand report-out session. Please record ideas and resources identified, and post-meeting, plans into online report out form.

5:30 pm – 6:00 pm ....Walk to Memorial Union

5:40 pm – 6:00 pm – Strand Leaders Meeting .... Grainger 2165
Dave Steer, Stephanie Stockman. All strand leaders are asked to attend.

6:00 pm – 10:00 pm – **Evening Banquet** ....Great Hall of the Memorial Union, 4th floor

       6:00 pm – 6:30 PM   Reception with appetizers

       6:30 pm – 8:00 PM   Buffet Dinner

       8:00 pm – 10:00 PM   Polka Party!

       8:30 pm – 10:15 pm   Walk or transportation back to Witte Residence Hall

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Tuesday, 13 July

7:00 am – 8:00 am – Breakfast ....Gordon Commons

8:30 am – 10:00 am – Strand Group Report-Out Session ....Educational Science Bldg, IMDC
Strands will report on strategies, actions, and post-meeting goals. Each group has 5 minutes to report out.

10:00 am – 10:30 am – Closing Session ....Educational Science Bldg, IMDC

    Steering Committee Final Remarks: Dogan Seber, Chair Steering Committee

    Closing: David Steer, Planning Committee Chair

    Final Logistics: Maria Vasys

12:00 pm – 9:00 pm – Field Trip to Devil's Lake State Park - gather at Gordon Commons by Noon for a timely departure.