

Education Committee: Schoolyard LTER 'working group'



Monica Elser (CAP, Educator)

Rich Boone (BNZ, Researcher)

Karen Baker (PAL, Information Manager)

Patty Spratt (NET, Liaison)

Stephanie Bestlemeyer (JRN, Educator)

COMMITTEE INFORMATION PAGE

<http://intranet.lternet.edu/committees/education/>

SCHOOLYARD LTER PAGE

<http://schoolyard.lternet.edu>

SLTER History

- (1998) Education Committee first meeting
- Activities
 - Oct 1998 Biosphere meeting (13 LTER sites)
 - Nov 1999 Kellogg meeting (13 LTER sites)
 - Mission Statement
- (2000) Schoolyard LTER group first meeting
 - Activities
 - Recommendations

SLTER Activities

- Meetings & Presentations
 - Feb 2000 AAAS Poster
 - Aug 2000 LTER All-Scientists Meeting Workshops
 - Dec 2000 Schooolyard Subgroup Meeting at SDSC
 - Mar 2001 SDSC/NPACI Poster
 - Aug 2001 ESA Poster

SLTER Recommendations

The SLTER programs should promote and enhance opportunities for the K-12 school community to:

- Experience the nature of science with an emphasis on long-term ecological research (based on real-world science)
- Describe the local environment through observation, data collection, analysis and synthesis
- Interact with scientists to observe the research process, use of technology and communication of results
- Acquire an understanding of ecosystem diversity through linkages with a network of LTER sites
- Promote inquiry-based learning
- Explore the greater social context of science

SLTER Site Activities

- Schoolyard Experiments
- Classroom Visits
- Field Trips
- Teacher workshops
- On-line resources
- Curriculum Development
- Linking with other Ecol. Educ. programs
- General Outreach Activities

SLTER Cross-site Activities

- **Survey**

- **On-line survey to find more information about SLTER**
- **People involved (per year)**
 - **40 to 50 LTER PI's, post-docs, and staff**
 - **40 LTER undergrads & grads**
 - **>100 teachers**
 - **>2000 students**
- **Funding**
 - **NSF Supplement**
 - **Other (Local, GK-12, USDA, other NSF)**

- **Web Page**

- **Resource for Teachers & Kids**
 - **LTER site information**
 - **LTER data (basic ecological concepts for cross-site comparisons)**
 - **Multimedia Technology (images, video clips)**

The Schoolyard

LTER Website

•Interactive Virtual Tours of LTER sites and research projects

•Live Video Cameras from LTER sites

•Pre-recorded information about LTER research

<http://schoolyard.lternet.edu>



STUDENT WORK | **VIRTUAL TOURS** | **SATELLITE IMAGERY** | **WEB CAMS** | **CONTACT** | **HOME**

SCHOOLYARD

Long Term Ecological Research

Welcome to Schoolyard LTER Page
Education is integral to the LTER Mission, and LTER has begun a broad-scale, long-term effort to combine scientific research and science education.

The Mission of LTER Education is to use the uniqueness of the LTER Network to promote learning about long-term ecological processes and the earth's ecosystems.

Eastern Deciduous forest
Take a Virtual Tour of the Coweeta LTER research site and learn about the [Eastern Deciduous Forest Stream Study](#) and the [Eastern Deciduous Forest Disturbance Study](#).



Coastal Barrier Islands
Take a virtual tour of the Georgia Coastal Ecosystems LTER Site and Learn about Coastal Barrier Island [plants](#) and [animals](#) as well as the sites ongoing studies. Have a look around the site with 360 degree [panorama images](#).



Urban Residential
Take a virtual tour of the Central Arizona-Phoenix LTER Site. Watch a [video](#) about some of the research that is done at the site. Have a look around the site with [panorama images](#).



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Schoolyard Sites

- [H.J. Andrews LTER Schoolyard Education Website](#)
- [Bonanza Creek LTER Schoolyard LTER Website](#)
- [Central Arizona - Phoenix LTER 'Ecology Explorers' Website](#)
- [Coweeta LTER Schoolyard LTER Project](#)
- [Kelllogg Biological Station K-12 Partnership for Science Literacy](#)
- [Konza Prairie LTER Education Programs](#)
- [McMurdo Dry Valleys Schoolyard LTER Project](#)
- [Niwot Ridge LTER's 'Virtual Fieldtrip' outreach and education project](#)
- [North Temperate Lakes Schoolyard LTER Programs](#)
- [Palmer Station LTER Education Programs](#)
- [Shortgrass Steppe Schoolyard LTER Program](#)
- [Virginia Coastal Reserve LTER Schoolyard site](#)

STUDENT WORK | **PLAY**

Populus tremuloides
Quaking Aspen

A study of the Taiga biome.
Part of the Bonanza Creek
SLTER program

A study of the Taiga biome.
Part of the Bonanza Creek
SLTER program

MORE INFORMATION
WEBMASTER

SLTER Future

- Continue Network-level Activities and Coordination
- Pursue External Funding Opportunities
- Promote Partnerships
 - Scientist-Educator-Information manager
 - National partnerships (NSTA, SDSC/NPACI, TEA, DLESE)
- Develop New Projects
 - NSTA publication
 - New and linked Web sites
 - Increase dataset availability