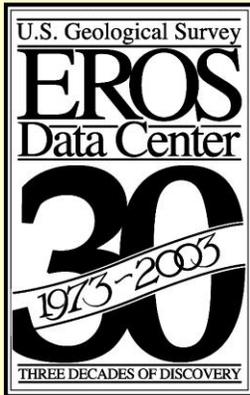


EDC 30th Anniversary NEWSLETTER

July 2003



This monthly EROS Data Center's 30th Anniversary Newsletter updates you about the plans and activities for the Center's 30th Anniversary Open House scheduled for Saturday, September 20, 9 a.m. to 3 p.m. at EDC. The free admission event will include food, educational demonstrations and exhibits, Lewis and Clark reenactments, and Native American cultural demonstrations and exhibits. Between this monthly newsletter and periodic "all-hands" meetings in the auditorium, you'll be kept up to date as to what is planned, what is needed, and, perhaps most importantly, what you can do to help make this event a grand success.

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EDC 30th Anniversary Committees & Committee Chairs

- Open House – Jenn Willems
- Food – Joy Hood & Char Johnson
- Education – Lyn Oleson & Ron Risty
- Logistics/Parking – Gary Dinkel
- Indoor Activities – Jane Smith & Ron Lietzow
- Outdoor Activities – Ron Hayes & Judy Austad
- Lewis & Clark/Native American – Gene Napier
- Employee Social – Jon Walkes
- Old Timers – Rita Tornow & Karla Sprenger
- Volunteer Coordination – Brenda Jones
- Founders Activity – Dennis Hood
- Merchandise – Kara Flanagan & Jon Walkes

Educational Activities

by Lyn Oleson & Ron Risty

EDC's 30th Anniversary celebration affords us yet another excellent opportunity to educate our community about EDC and the types of data and applications we manage and support. Our 30th Anniversary education-related activities are focused on two areas:

- (1) educational activities at the open house event, and
- (2) outreach to local area schools.

The target educational level for these activities is middle school - - grades 6 and 7. The hope is that by targeting this age group, our message will be relevant to the largest possible audience.

The principal goal of the educational activities planned for the open house event on September 20 is to highlight exhibits and activities that offer an educational opportunity to middle school students. The 30th Anniversary Education Committee is preparing a tri-fold brochure that will be handed out to students as they arrive at the Center on September 20. The brochure will contain several educational “themes” that students can explore during their visit. The themes currently being planned are:

- The EROS Data Center – featuring exhibits and activities that tell the story of EDC and what we do.
- Earth Science – featuring exhibits and activities that provide examples of how our data and processes are being applied in various earth science disciplines.
- Technology – featuring exhibits and activities that showcase our use of state-of-the-art communications, processing, storage, and visualization technologies.
- Lewis and Clark – featuring Lewis and Clark period re-enactors, demonstrations, and exhibits planned for the Open House event.
- Native American - featuring a 12-teepee Indian village with re-enactors.

A map of the center will be provided on the back of the brochure showing where these featured open house educational exhibits are located. The hosts at each exhibit visited by students will affix a sticker to the student’s brochure indicating that they have successfully completed the activity offered by that exhibitor. Students who visit four or more exhibits may claim a prize recognizing their accomplishment and commemorating their visit to EDC.

The second major education-related endeavor of the 30th anniversary celebration involves reaching out to local area schools. The goal of the educational outreach effort is to excite and inform area students about what we do at the EROS Data Center and to help them appreciate the value of their studies. In addition, these outreach activities will help us to advertise our open house prior to the event.

The education committee sent more than 100 letters to schools in our immediate tri-state area informing them of our outreach intentions. Education committee members received many expressions of interest before schools closed for the summer. The committee will prepare a classroom exercise that ties both the technology and the science application together in one package. The committee will also prepare briefing materials, handouts, hands-on exercises, and possibly a 3 - 5 minute video that can be used during classroom visits.

Continuing the Lewis & Clark Legacy

by *Ron Hayes & Judy Austad*



We are proud to trace our heritage of geographic discovery to the Lewis and Clark expedition, and that is why it is so important that we pay homage to these pioneers on the occasion of our 30th anniversary of the EROS Data Center. In celebration of the Lewis and Clark Expedition, we would like to step back in time and witness the way of life of the explorers and demonstrate how the legacy has evolved over these past 200 years. Some of the exhibits that we have planned include:

- The “Alliance for Sioux Tribes” authentic Native American village
- A re-enactment of a Lewis and Clark shore landing party, and their every-day life activities
- Mapping - 1803 and today
- Pirogue Boat demonstrations and rides on Lake EROS
- “Tent of Many Voices” allows visitors to listen to several speakers talk about the Lewis and Clark expedition and USGS earth science activities
- Patrick Gass tales of the expedition portrayed by Dale Clark
- Amy Mossett portrayal of Sacagawea

You have many opportunities to get involved as a volunteer for these exhibits and many more. Please contact Ron Hayes or Judy Austad for more information about volunteering for these Lewis and Clark/Native American exhibits.

What do **YOU** do at EDC?

by *Jane Smith & Ron Lietzow*

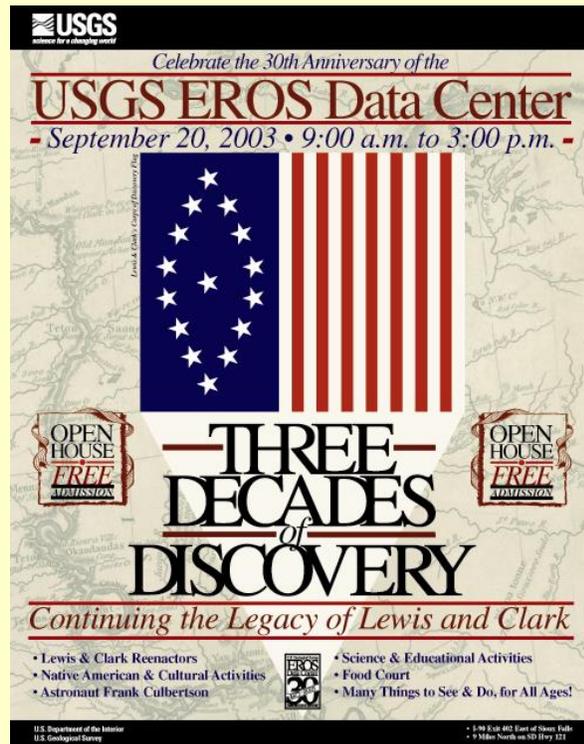
If you ask Alisa Gallant and Paul Bartelt what they do at EDC, they might tell you about their frogs and other amphibians. In fact, for the EDC 30th Anniversary, their exhibit will include two terraria introducing the biology of amphibians, important features of amphibian habitats, and how this information is used to map amphibian habitats. Why is this important? Come and see!

If you ask Tim Masterlark, Zhong Lu, and Russ Rykhus what they do at the Center, they might take you to a movie they have developed about volcanoes. The show they intend to demonstrate during the open house is animated and indicates how magma in the interior of a volcano causes deformation that can be measured with remote sensing. Wonder if they'll serve popcorn?

If you ask Brian Davis what he does here, he'd invite you to the ShowViz Lab to see a new view of the Earth. At this open house exhibit, visitors will be asked to try on special 3-D glasses and for another look at that map in front of them: Mountains rise up and valleys recede as the map becomes three-dimensional. The data to make the map were gathered by a satellite sensor called MODIS, which is carried aboard NASA's Terra satellite. (P.S. Visitors will be asked to give the glasses back...)

Posters Available for Distribution

- Thirtieth Anniversary posters (sizes 17”x22” and 8 ½”x11”) are available at the Reception Desk to promote our anniversary celebration.
- Pick up a couple today and place at high visibility locations in the Sioux Empire!
- The pdf file for the poster is available for electronic distribution at U:/Shared/30th



Call for Volunteers!

Please see, or call, Brenda Jones (x6503) about the many opportunities for you to volunteer to support the EDC 30th Anniversary Open House. Volunteer forms can be picked up at the reception desk.