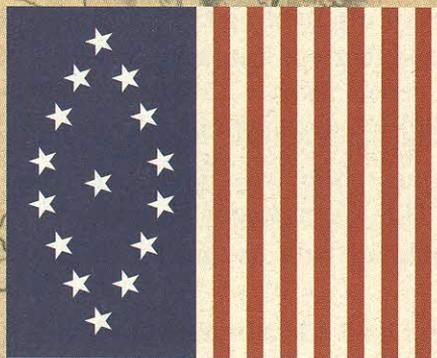


*Celebrate the 30th Anniversary of the*  
**USGS EROS DATA CENTER**



**THREE  
DECADES  
of  
DISCOVERY**

*Continuing the Legacy of Lewis and Clark*

**PROGRAM**



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*Welcome*  
to the  
U.S. Geological Survey  
EROS Data Center  
Open House  
“Three Decades of Discovery”

Today we celebrate the 30th anniversary of the EROS Data Center, representing three decades of discovering the Earth through remote sensing from air and space. I am pleased that you can join us in this celebration.

We also emphasize the scientific legacy of the Lewis and Clark expedition, as part of the national commemoration of the Corps of Discovery Bicentennial. The work of the U.S. Department of the Interior, U.S. Geological Survey is carrying on that legacy with its mission of Science for a Changing World.

Displays, speakers, and educational activities will illustrate Earth observation data collection and processing, the ways in which these data are used to monitor natural and human-induced changes of the Earth's resources, and how the spirit of dedication and discovery exemplified by Lewis and Clark continues today.

I invite you to explore the Center, the National Archive of land remote sensing data, the complex technologies required to process and distribute these data, and the research we carry out to apply these data to scientific investigation of the Earth. The staff of 600 scientists, engineers, and technical specialists who carry out the work of the Center are here to assist you, to inform you, and to enhance your experience as we celebrate “Three Decades of Discovery.”

I hope you enjoy your day.

R.J. Thompson  
Chief, EROS Data Center

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# USGS/EROS Data Center

## 30th Anniversary Open House

### Schedule of Events

September 20, 2003

#### Indoor Events

Indoor Exhibits ..... 9:00 - 3:00  
*Over 40 Scientific, Educational, and Hands-on Exhibits & Displays*

#### **Donald T. Lauer Auditorium**

What is a Satellite, Really? (*Doug Daniels, Dennis Jorgenson*) ... 9:00 - 9:30  
Earth Observation: An Analog to Lewis and Clark  
(*Joanne Gabrynowicz*) ..... 9:30 - 10:00  
Life on Board the Space Station (*Frank Culbertson, Astronaut*) .. 10:00 - 10:45  
EROS on Video: Exploring a Changing Planet ..... 10:45 - 11:00  
Life on Board the Space Station (*Frank Culbertson, Astronaut*) .. 12:00 - 12:45  
EROS on Video: Exploring a Changing Planet ..... 12:45 - 1:00  
What is a Satellite, Really? (*Doug Daniels, Dennis Jorgenson*) ... 1:00 - 1:30  
EROS on Video: Exploring a Changing Planet ..... 1:45 - 2:00  
Earth Observation: An Analog to Lewis and Clark  
(*Joanne Gabrynowicz*) ..... 2:00 - 2:30

#### Outdoor Activities

Outdoor Exhibits ..... 9:00 - 3:00  
Food Court  
Lewis and Clark Expedition Camp  
Native American Village/Heritage Display  
Fife & Drum (*El Riad Shriners*)  
Tent of Many Voices (See schedule on last page of the Program)

#### **Outdoor Stage**

Through the Eyes of a Crew Member:  
Patrick Gass Reenactment (*Dale Clark*) ..... 9:30 and 12:30  
Sacagawea: A Cultural Presentation (*Amy Mosssett*) ..... 10:00 and 1:00  
Native American Dance (*Oyate Singers & Dancers*) ..... 2:00 - 2:30

**Rededication Ceremony** ..... 11:00 - 12:00

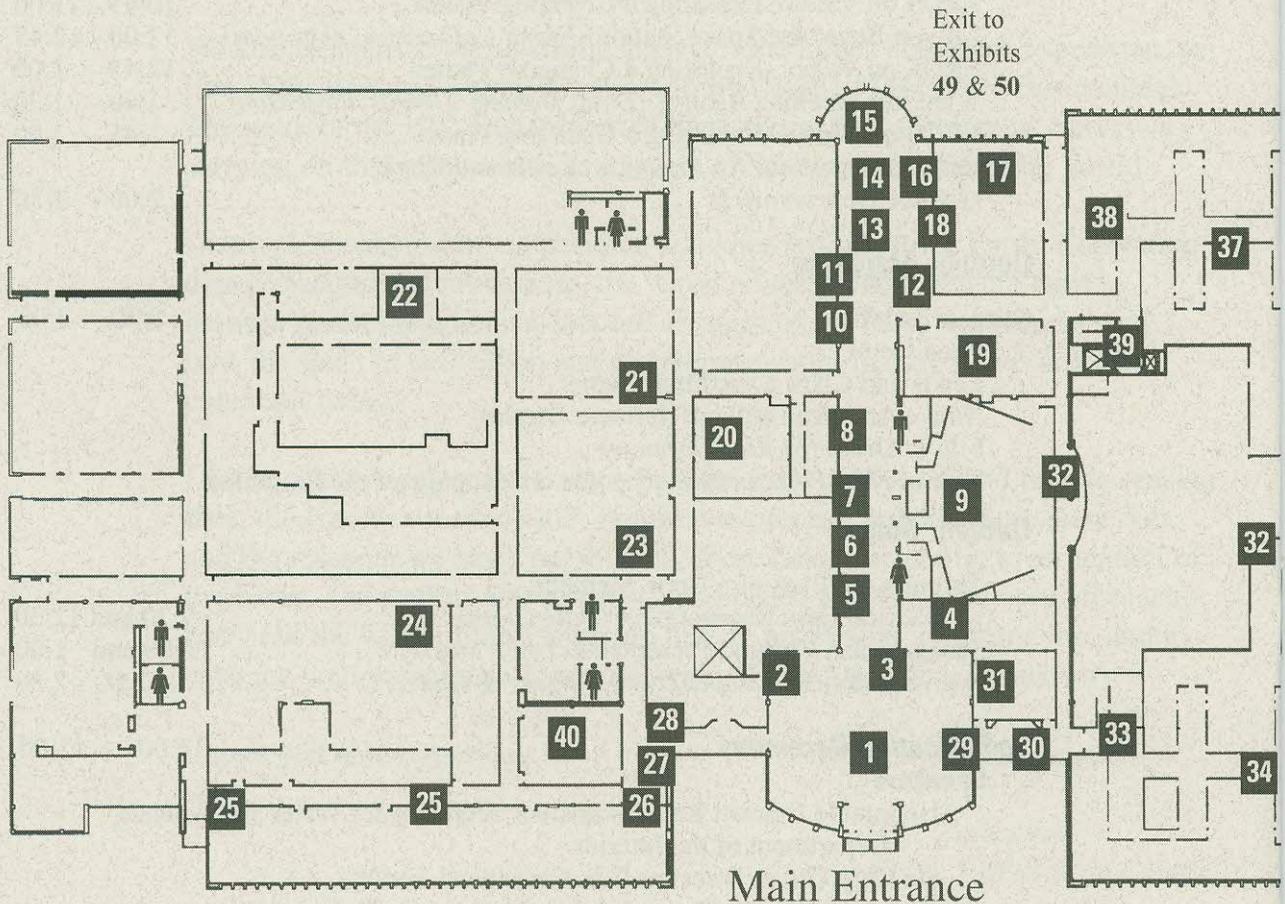
#### **Speakers**

Honorable Bennett Raley, Assistant Secretary for Water and Science,  
Department of the Interior  
Dr. Chip Groat, Director, U.S. Geological Survey  
Honorable Dennis Daugaard, Lt. Govenor, South Dakota  
Honorable Tim Johnson, Senator, South Dakota  
Honorable Tom Daschle, Senator, South Dakota

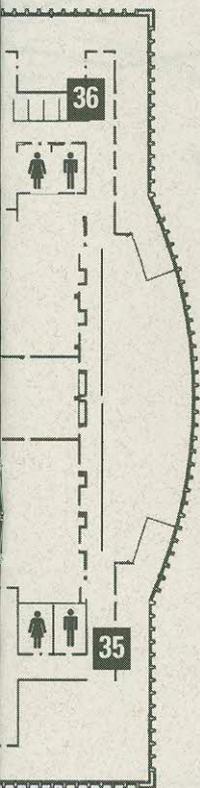
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# Indoor Exhibits and Demonstrations

- 1 EROS Data Center - A Changing Landscape
- 2 Data and Applications Support: Popular Products
- 3 Merchandise Booth: EROS Data Center Activities Association
- 4 GEOWALL - in Stereo
- 5 Water Resources Use of Data
- 6 Remote Sensing of Animal Species
- 7 GAP Analysis - Land Cover Mapping
- 8 Continuing the Legacy of Lewis and Clark
- 9 Donald T. Lauer Auditorium (See schedule of events)
- 10 Data Transformation

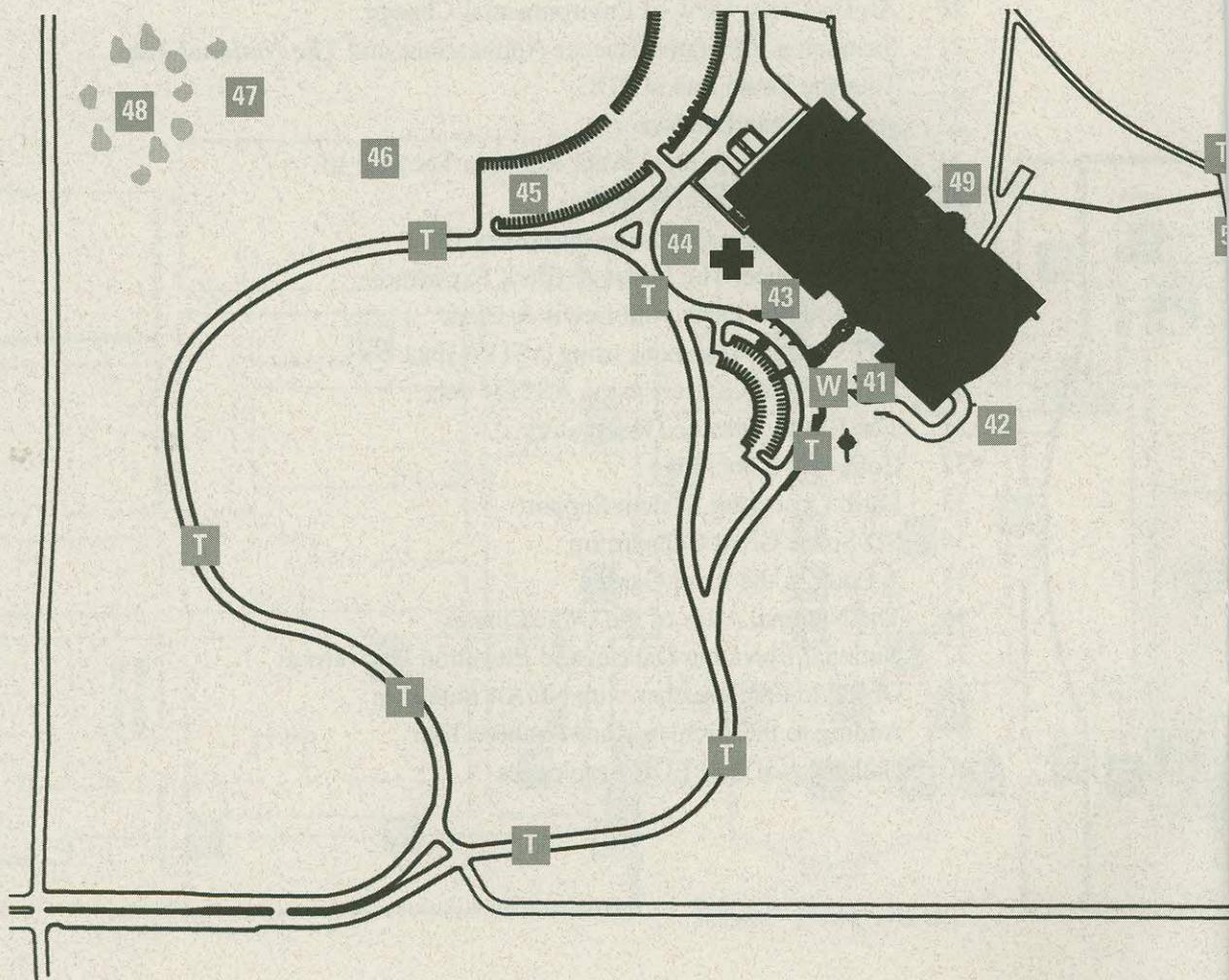


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- 11 Blue Cloud Abbey Photo Exhibit
  - 12 From a Frog's Perspective: Amphibians & Their Habitat
  - 13 Fire Science from Remote Sensing
  - 14 The Earth Doctor Is In
  - 15 3-D World Mosaic: Anaglyph Print
  - 16 Pipestone National Monument
  - 17 Native American Art Display
  - 18 South Dakota and Lewis & Clark Artifacts
  - 19 Kid's View of the Neighborhood: *The National Map* on the Web
  - 20 An Up-Close View of Environmental Change
  - 21 Sustaining Integrated Science Applications and *The National Map*.
  - 22 Tour the Photo Lab at EDC
  - 23 An American Landscape
  - 24 Computer Room One: Walk Right on Through It!
  - 25 The Earth as Art in Portraits
  - 26 SAIC & EDC's Geocache Discovery Hunt
  - 27 High Finance: The Lewis & Clark Expedition
  - 28 Mapping the Earth with Lewis & Clark
  - 29 3-D View of Volcanoes using ASTER data
  - 30 3-D View of Glaciers using ASTER data
  - 31 The EROS Volcano Observatory
  - 32 Computer Room Two
  - 33 Earth Observing System Support
  - 34 SD Space Grant Consortium
  - 35 A Look in the Pixel Garden
  - 36 The National Atlas of the United States
  - 37 National Elevation Dataset and Elevation Derivatives
  - 38 Observing the Weather with NOAA Satellites
  - 39 Adding to the Archive: Data Archive Tour
  - 40 Gathering of Past EDC Employees



## Tent of Many Voices

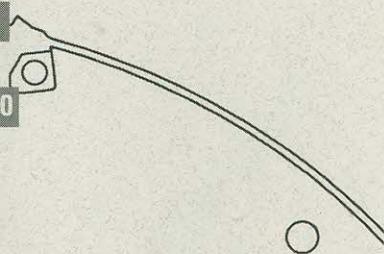
The USGS: Continuing the Legacy of Lewis & Clark ( <i>Jon Campbell</i> )	9:00 and 12:00
USGS Fire Science ( <i>Jeff Eidenshink</i> )	9:30 and 12:30
Missouri River Water Quality, 1805-2003 ( <i>Dale Blevins</i> )	10:00 and 1:00
The Changing American Landscape ( <i>Tom Loveland</i> )	10:30 and 1:30
Three Decades of Landsat ( <i>Kristi Kline</i> )	11:00 and 2:00
The Impact of Lewis & Clark on Lakota Culture ( <i>Duane Hollow Horn Bear</i> )	11:30 and 2:30

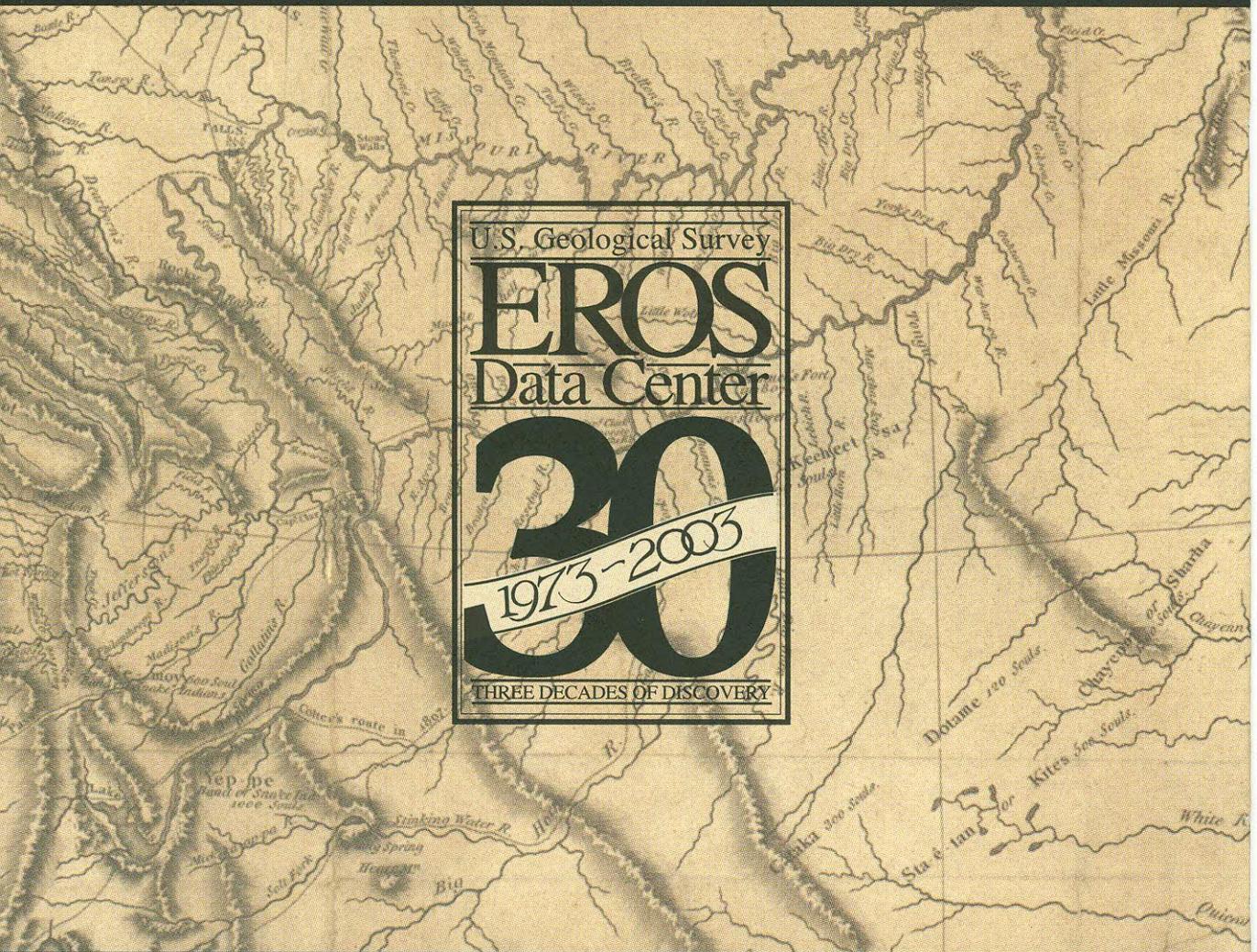


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# Outdoor Exhibits and Demonstrations

- W** Welcome Tent
- 41 Tent of Many Voices
- 42 The Outdoor Pixel Garden
- 43 Outdoor Stage (See schedule of events)
- 44 Food Court
- 45 Science on the Move
- 46 Mapping Then and Now
- 47 Lewis & Clark Expedition Camp
- 48 Native American Village
- 49 Panning for Gold
- 50 Satellite Data Reception
- +** First Aid
- T** Tram Transportation: Pick Up and Drop Off





U.S. Geological Survey

# EROS

Data Center

# 30

1973-2003

THREE DECADES OF DISCOVERY

**SAIC** Science Applications  
International Corporation  
An Employee-Owned Company

A Contractor to the  
U.S. Geological Survey