

Geographic Information Science Center

Rain Simar

**PNC Conference
November 7, 2003**



Who is the GISCS?

The Geographic Information Science Center

- ❖ Educate Campus and community in GIS
- ❖ Collaborate on Research Projects that have a Geographic Information System Component
- ❖ Create web based interactive maps for Campus units, research projects, and our community



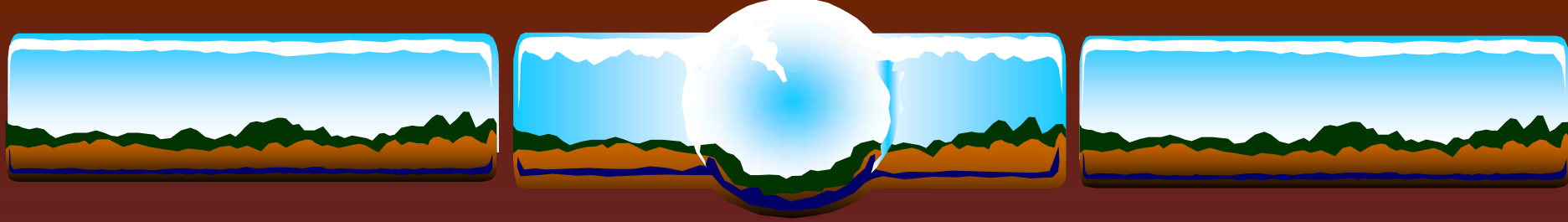
Current Web GIS Projects

- ❖ **San Francisco Low income Child Care Centers**
- ❖ **Marin County Breast Cancer Environmental Awareness**
 - ❖ **City of Oakland**
 - ❖ **Campus GIS**



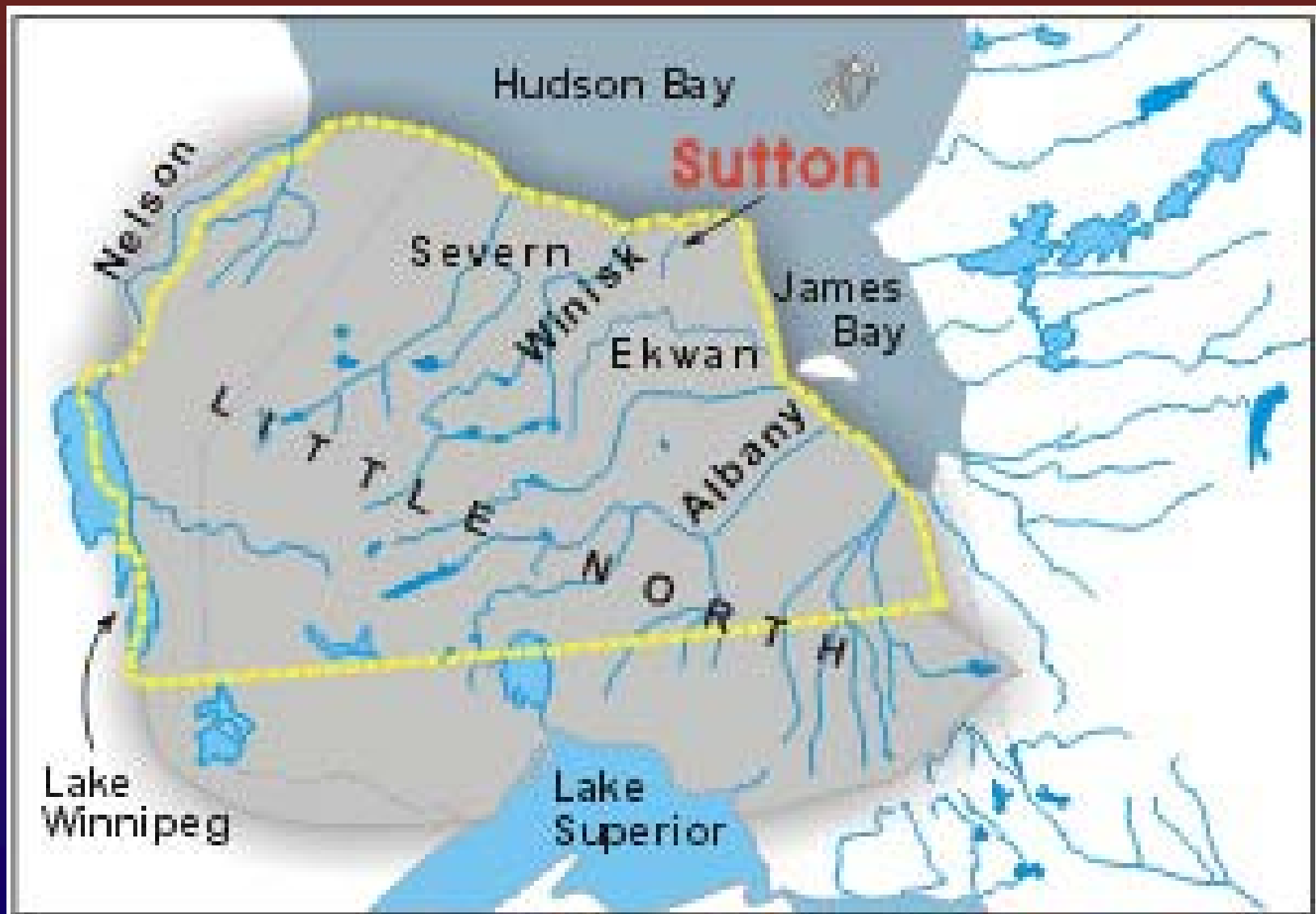
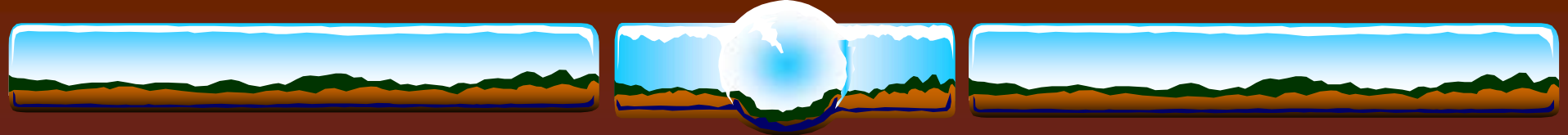
Cultural Atlas Projects

- ❖ **South and South East Asia (Caverlee Cary)**
 - ❖ **Canoe Atlas of the Little North**
- ❖ **Devotional Landscapes: Mapping Shrines and Saints in New Spain**



Canoe Atlas of the Little North

Mapping on the Edge in Canada





History of the Little North

First Nations

17th Century trade routes between European Settlers and First Nations

Fur Traders

Today: Cree and Ojibway



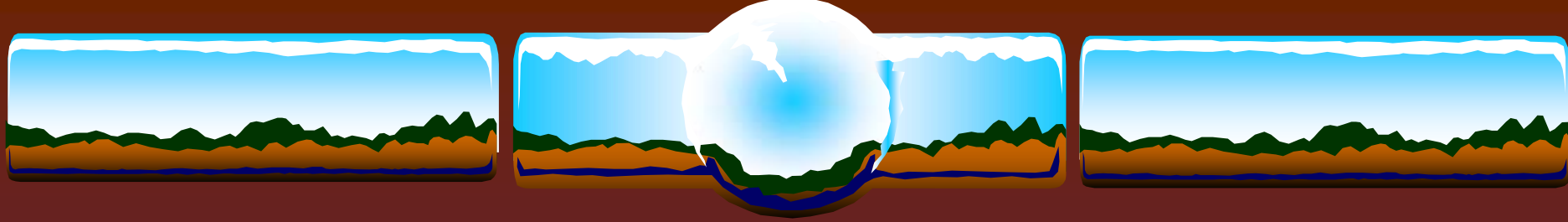
Canoe Atlas History

Tom Terry
Jon Berger

Recreational Exploration - 40 years

Atlas idea – 15 years

GISC – 3 years

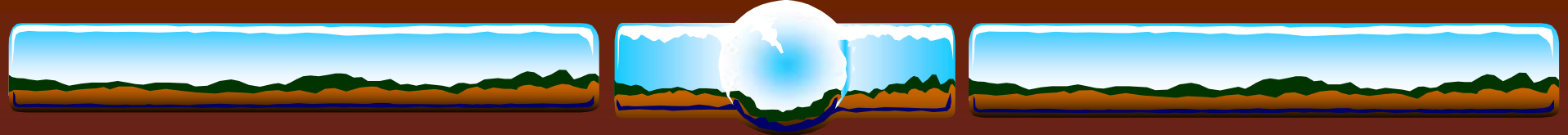


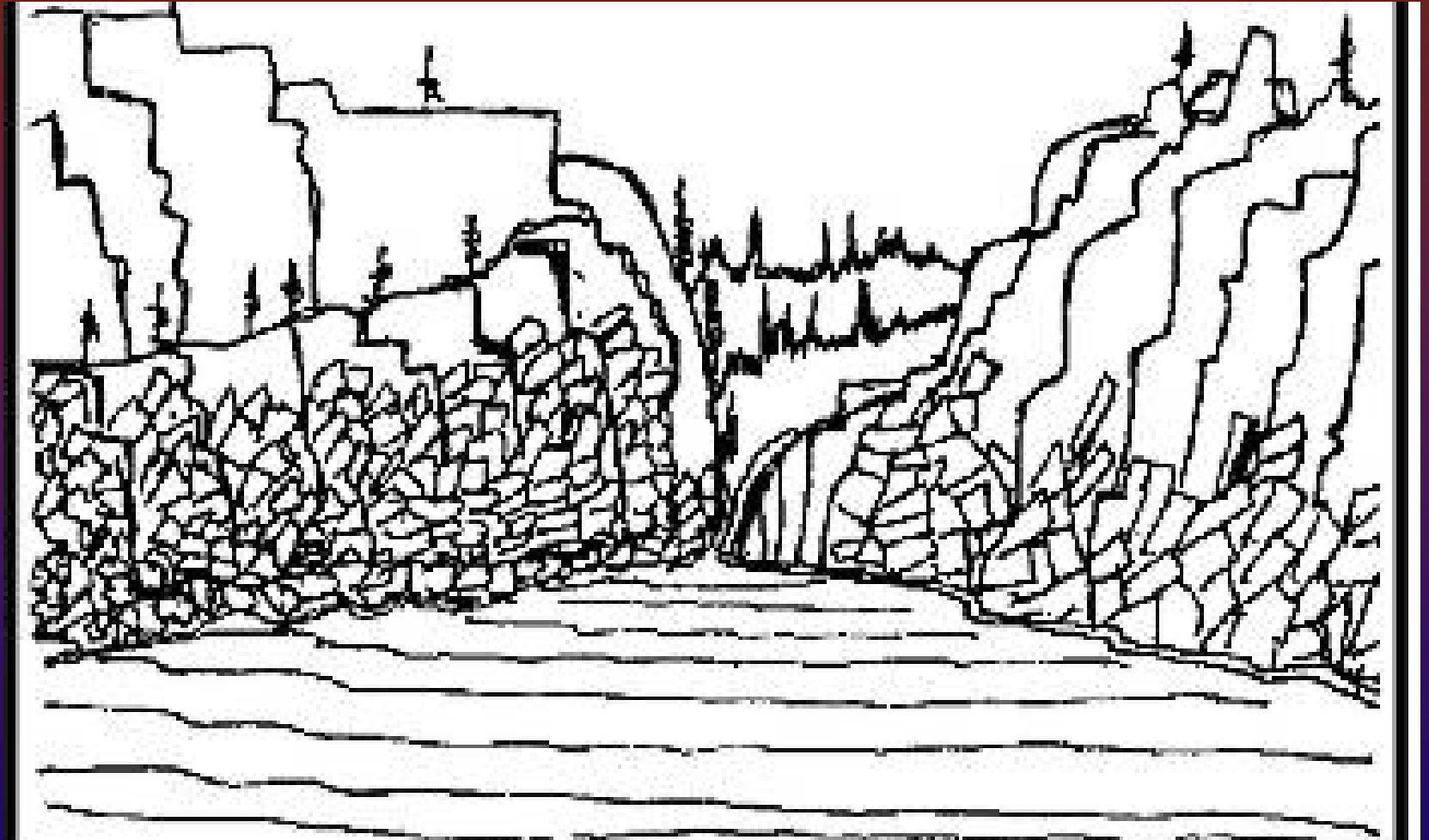
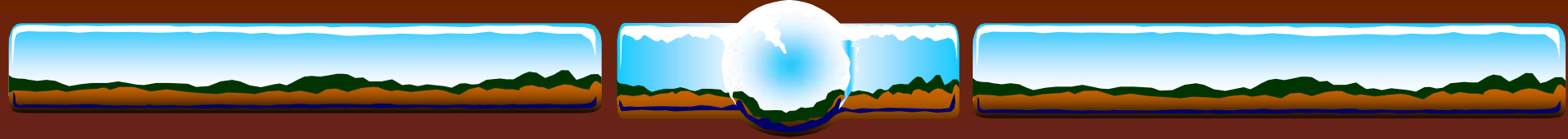
Creating the Atlas

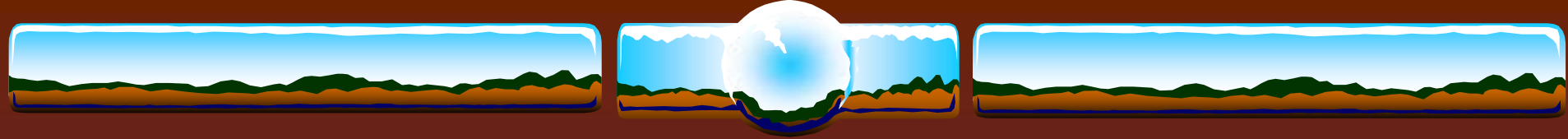
Digitizing data and images

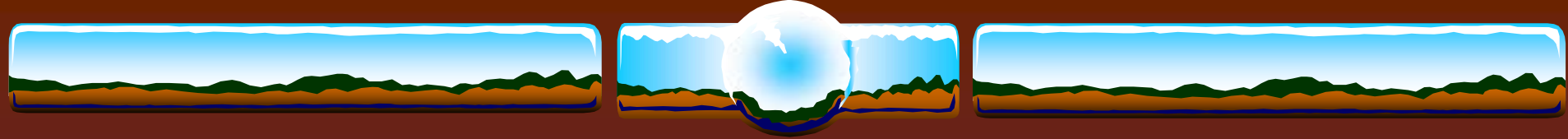
Produce Paper Atlas

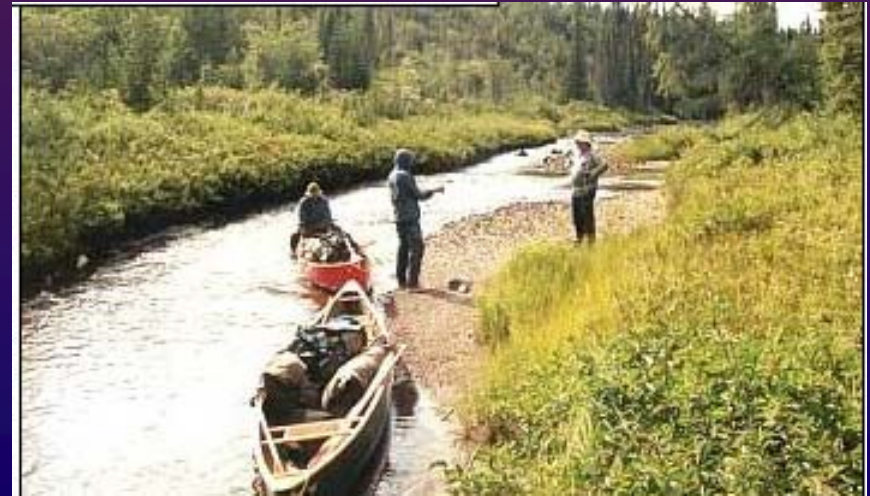
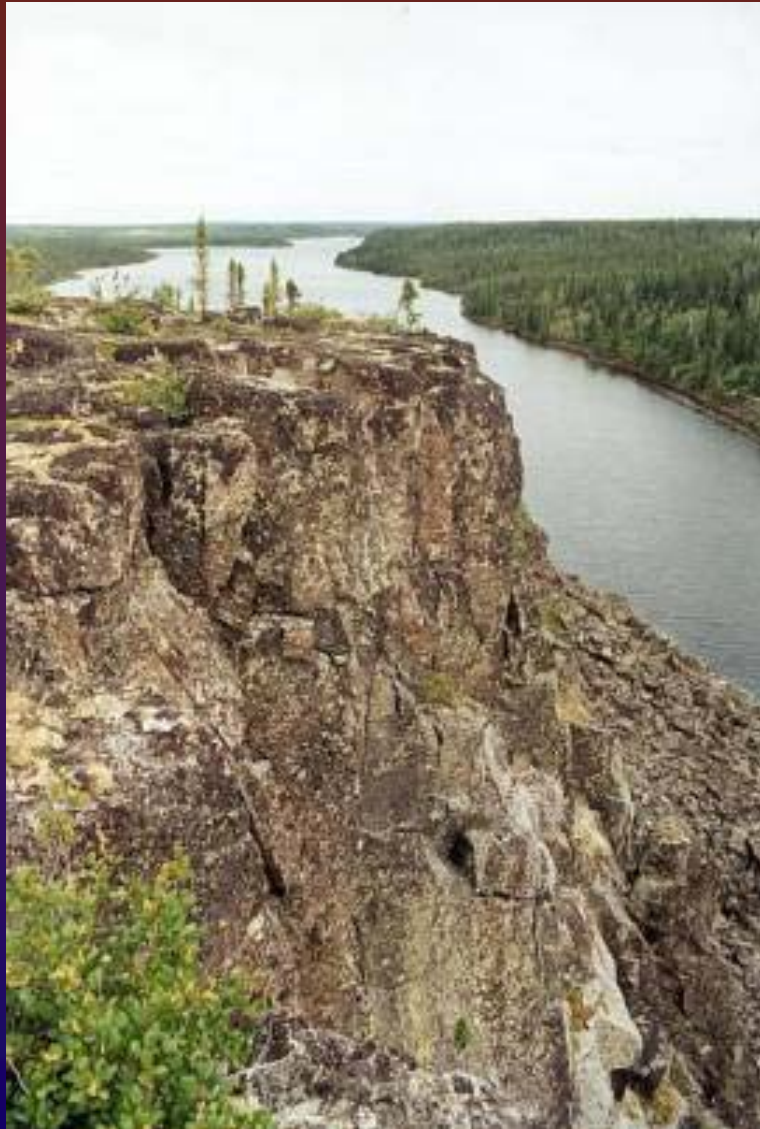
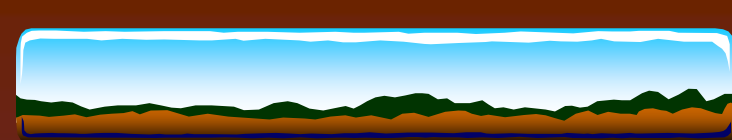
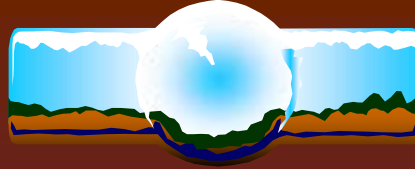
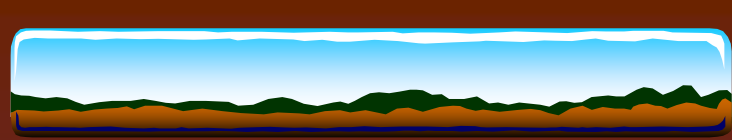
Publish Web Based Atlas













River exit at the south end of Spruce Lake



Upcoming Conference

Future of the Little North

Tourism?

Recreation?

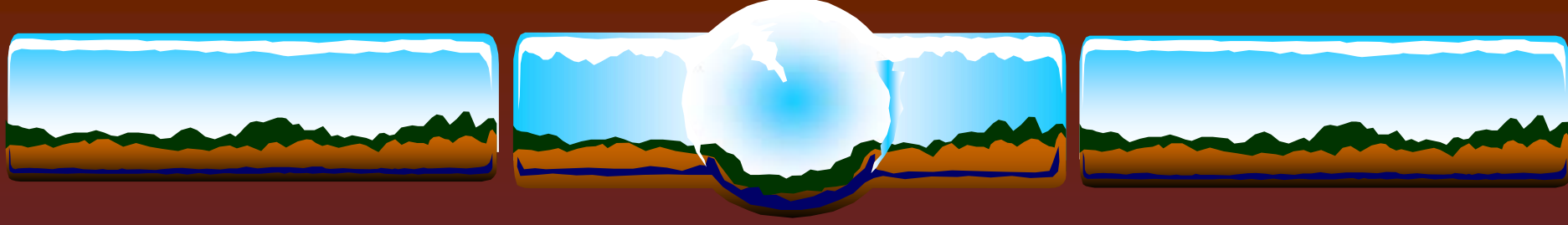
**Natural resource wealth within
land?**



Value of Little North GIS:

Documenting the past

**Planning the future in the way
most acceptable to all parties
involved.**



Devotional Landscapes

Mapping Shrines and Saints in New Spain

A decorative header at the top of the slide. It features a central white globe with a blue outline, set against a background of a stylized landscape with green hills and a blue sky. The globe is flanked by two identical rectangular panels, each containing the same landscape scene. The entire header is set against a dark red background.

Devotional Landscapes

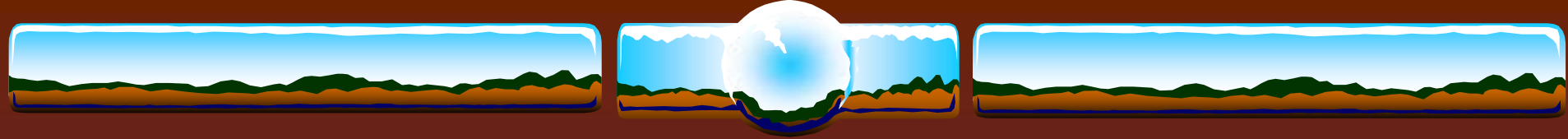
Religious Sites

Patron Saints

Testimonies of mystical visions

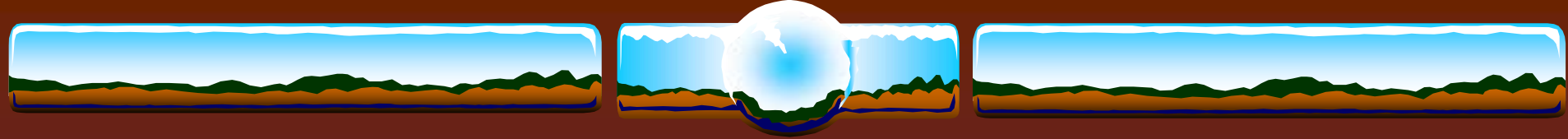
Colonial Maps

Contemporary Maps



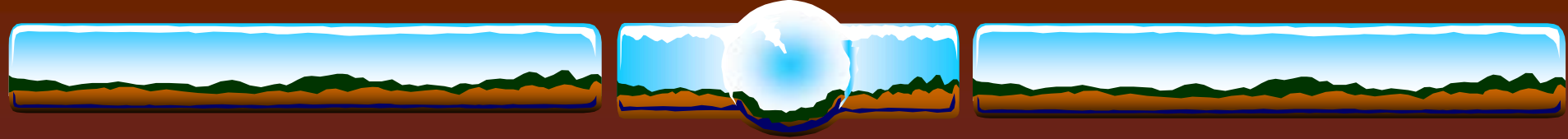
Dorothy Tanck de Estrada

**History Department – El Colegio
de Mexico**



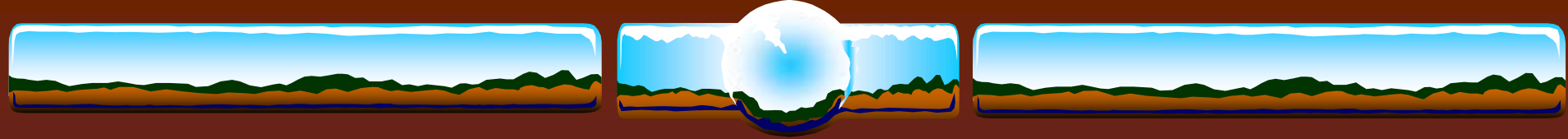
Professor Jerry Craddock

**Department of Spanish and
Portuguese – University of
California, Berkeley**



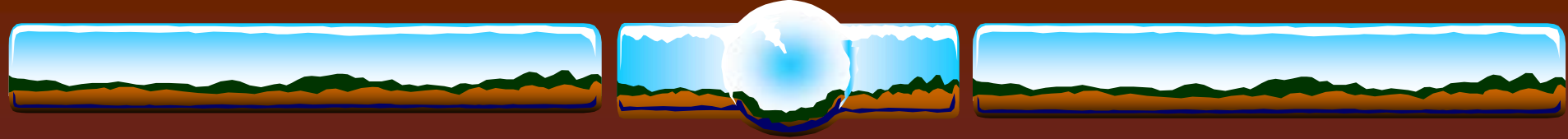
John Radke

**Director of the Geographic
Information Science Center**



Conference

**Create a Model for further work
on Devotional Landscapes
Project**



Thank You

Rain Simar