

## **Feb 26, 2007 CONNOR GEOL 301 Your GEOWALL Project**

As your final project in Geomorphology you can alone or with a partner prepare a 20 minute (solo) or 40 minute (partners) GEOWALL presentation that showcases digitally the landscapes of Alaska.

### **Landscape specializations**

- AK River Systems
- AK Glacier Processes
  - Glacial Outburst Flood
  - Recession
  - Advanced
  - Tidewater glaciers
  - Surging
- AK Mountain Building
  - Mass Wasting
  - Folds, Faults, Joints
- AK Geomorphic Evidence of Active tectonics
- AK Coastlines-evidence of uplift and subsidence
- AK Karst and Caves
- AK Permafrost-periglacial landscapes
- AK Volcanic landscapes
- AK Eolian landscapes
- SEAK Landscapes showing Climate Change

### **Types of imagery**

- Repeat Photography (time comparisons of old and new images)
- DEMs flying through landscapes (with ArcScene)
- Satellite imagery
- Aerial photography
- Still photography

### **Resources**

<http://geowall.geo.lsa.umich.edu/home.html>

<http://www.nightmare.com/~rushing/stereo/index.html>

<http://stereo.thurstons.us/>

<http://home.att.net/~osps/tutorial/>

### **Time Table**

#### **GEOWALL PROJECT 150 points**

- 3/7/2007-Topics Selected
- 3/21/2007-Project outlines submitted
- 4/4/2007-images identified secured, and submitted
- 4/11-18/2007-project assembled in GEOWALL
- 4/23-4/27 PRESENTATIONS -50 points