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# Global Visualization Viewer (GloVis)

**Land Remote Sensing Data Access Workshop**  
**March 13-14, 2012**

# GloVis

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- **Overview**
- **Available Data**
- **Features and Functions**
- **Use Cases (Handouts)**
- **Feedback (Handout)**

# GloVis Overview



## GloVis

([glovis.usgs.gov](http://glovis.usgs.gov))

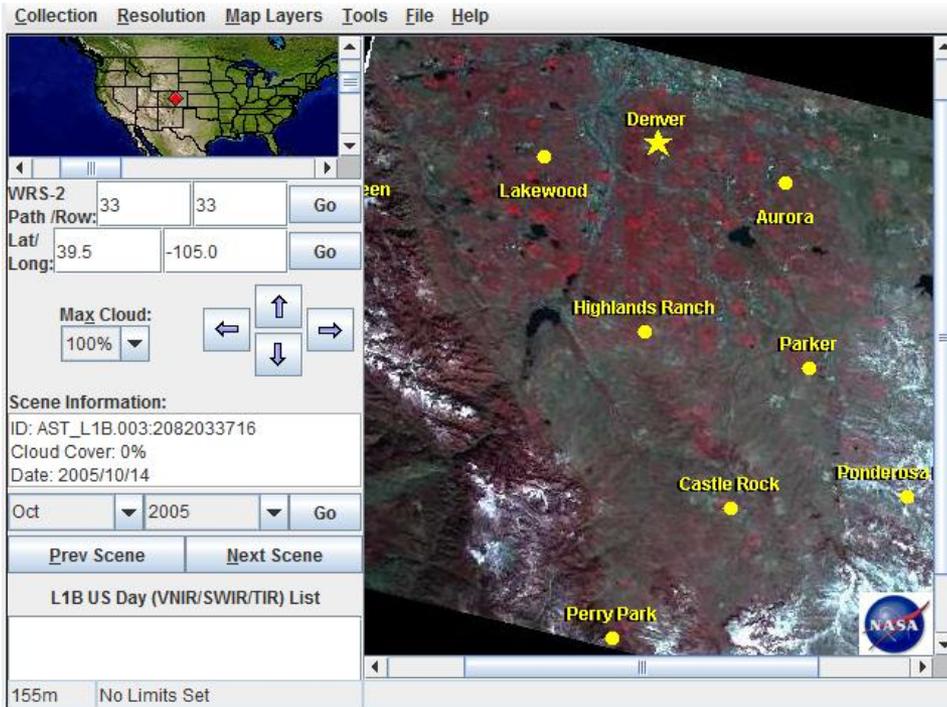
is a quick and easy online search, order, and download tool for selected satellite and aerial data. Through a graphic map display, the user can select any area of interest and immediately begin viewing browse imagery of available data.

# GloVis Data Availability



- **NASA LP DAAC:**
  - All ASTER (including higher-level products)
  - Majority of MODIS tiled data (no swath or CMG)
- **USGS data products, including:**
  - Landsat Archive
  - Landsat Global Land Survey (GLS)
  - Earth Observing One Mission (EO-1)
- **TerraLook:**
  - Georeferenced ASTER and Landsat JPEG collections

# GloVis Features and Functions

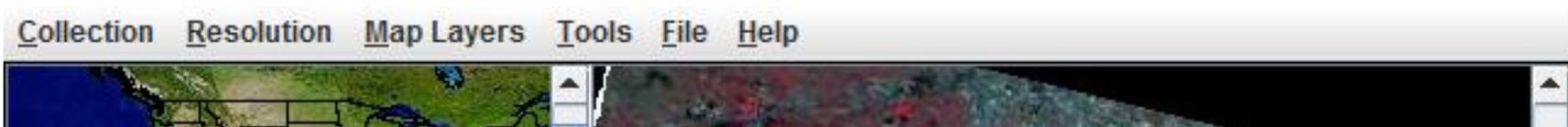


## Main Viewer

- Large and small scale map panes
- Visualize data using browse images
- View metadata
- Filter collection of interest by cloud cover limits
- Interrogate data by navigating in space and in time
- Select imagery
- Add selection to cart
- Order

# GloVis Features and Functions, con't.

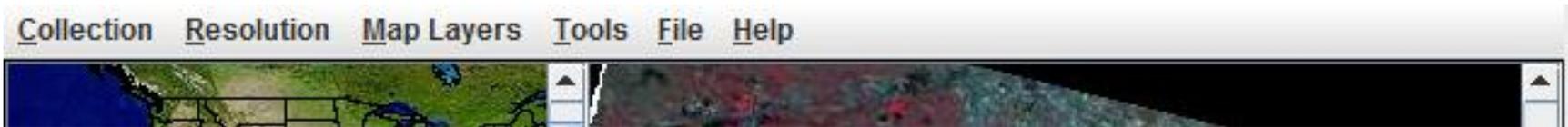
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- **Collections drop-down**
  - Select data from different sensors, satellites, or other collections.
  - GloVis displays one collection at a time, and defaults to showing the most recent data on top.
- **Resolution drop-down**
  - Provides limited “zoom in” and “zoom out”

# GloVis Features and Functions, con't.

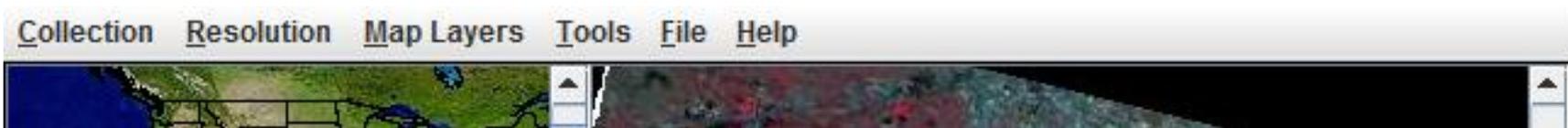
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- **Map Layers drop-down**
  - Choose additional map layers as a general navigation aid.
  - Search by place name, set a point of interest on the map, or upload a shapefile for area of interest.
- **Tools drop-down**
  - Hides scenes, print, refresh viewer, view scene list, search for scene by granule ID, set search limits, toggle swath mode, tool tips, user defined area.

# GloVis Features and Functions, cont'd

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- **File drop-down**
  - **Save /load all scene lists, save/load hidden scene list, download visible browse & metadata**
- **Help**
  - **Data and access guides and documentation**

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GloVis Use Case 1

# GET AN ASTER L1B SCENE FOR A LOCATION



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GloVis Use Case 2

# GET A LANDSAT 7 SCENE FOR THE SAME LOCATION



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GloVis Use Case 3

# GET FOUR MODIS SURFACE REFLECTANCE TILES



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GloVis Use Case 4

# GET TERRALOOK IMAGES



# GloVis Feedback

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- **Tell us what you think! Your opinions and comments are very important. We do appreciate your taking the time to fill out our form.**