

Web portal for dissemination of remote sensing data for Northern Eurasia

Titov A.G., Gordov E.P., Okladnikov I.G.

Institute of Monitoring of Climatic and Ecological
Systems SB RAS / Department of Problems of
Information TSC SB RAS , Tomsk, Russia

Background & Objectives

- Analysis of land cover changes under natural and anthropogenic impact based on satellite images
- Task of remote sensing data dissemination in the regions where standard methods of data distribution are not quite effective
 - Traditional media (hard drives, DVD-Roms) usage
 - Downloading huge volumes of information often encounters limited bandwidth of data networks used

Solution

- Local storage of remote sensing data (Landsat, MODIS) for Northern Eurasia / Siberia region
- Web-portal for facilitating data dissemination in the Western Siberia region

Results

■ <http://glovis.tsc.ru>

■ 8 Tb Landsat data archive

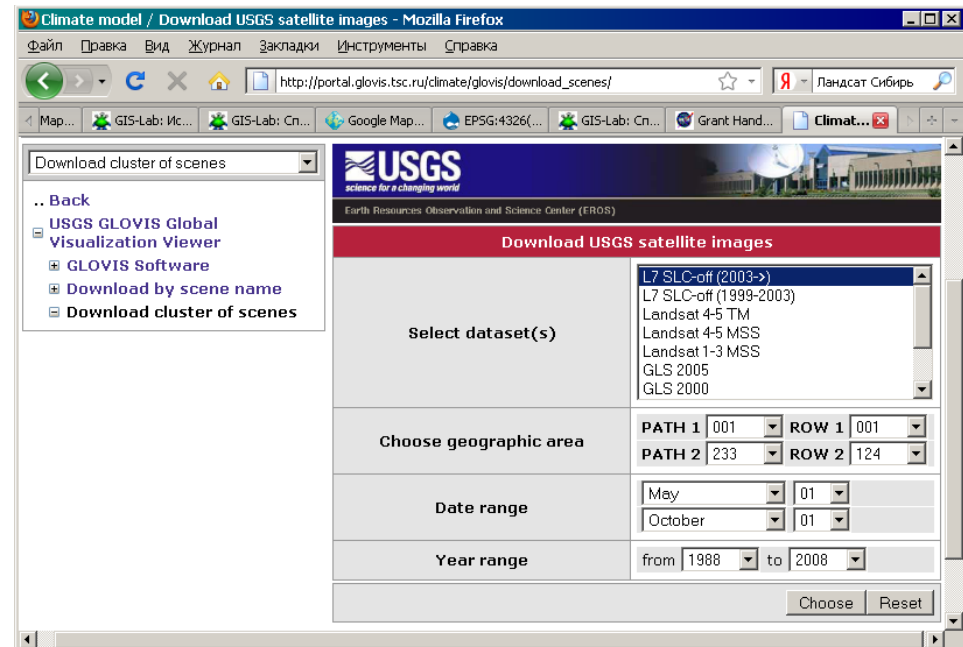
■ Landsat 4-7 data for 1988-1993 and 2006-2008 for Western Siberia

■ GLS 1975, 1990, 2000, 2005 data for Northern Eurasia

■ **GloVis** software for search/ / browsing/download/preview of separate Landsat scenes

■ Web-application for downloading large data volumes in automatic mode

■ Used for creation and validation of regional land cover maps





See you at the poster

