

## MISR Data Access and Visualization Using `misr_view`

`Misr_view` is an interactive application designed for accessing and viewing MISR standard data products in HDF-EOS. AirMISR data is also supported. The tool is written in IDL and has been tested on Solaris, Irix, Windows 98 and Windows NT.

Some of the features of `misr_view` include: a graphical user interface for data selection, the ability to extract and stitch together a range of blocks for display and the ability to load parameters having different spatial and bit-depth resolutions into the RGB planes of a viewing window. The viewing window has several utilities and tools such as data transforms (to perform tasks such as data scaling and unpacking), histogram viewing and stretch manipulation, linking of multiple viewing windows via geolocation, map projections, vector overlays, tools for constructing anaglyphs, automatic scrolling through a large range of blocks, loading of 8-bit color tables and emulation of 24-bit color on 8-bit display hardware.

The `misr_view` software has been developed at JPL. The software and a users guide are available through a free license issued from JPL.