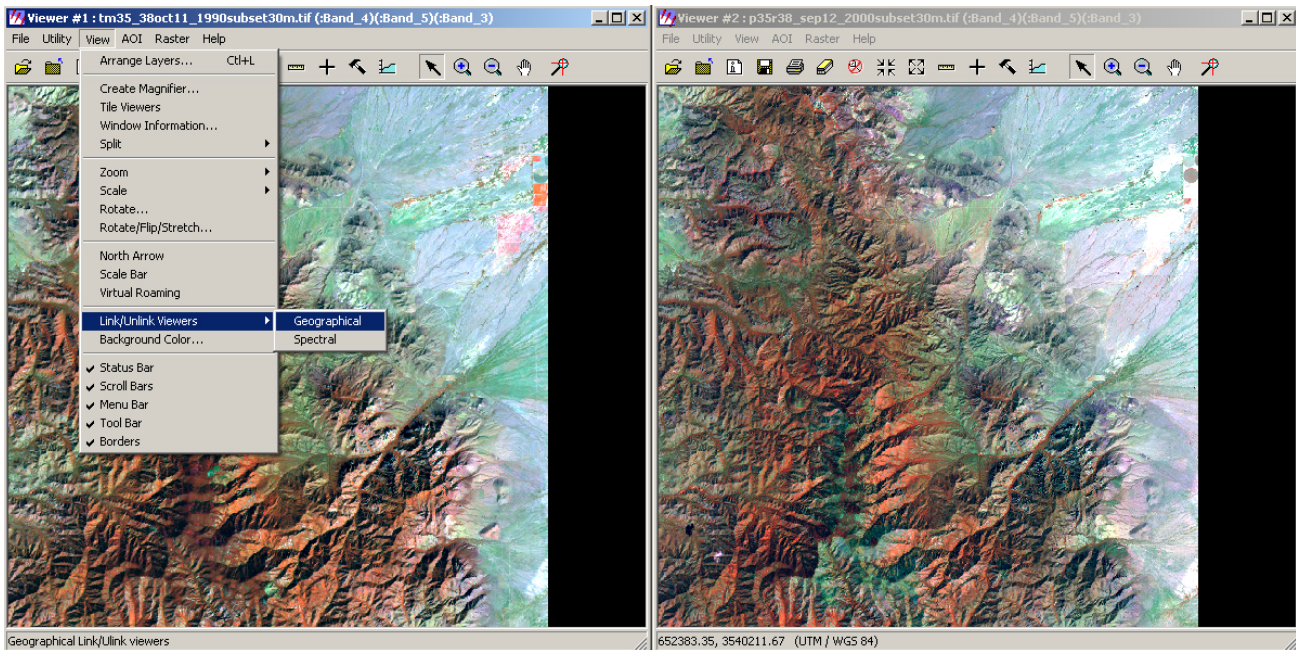




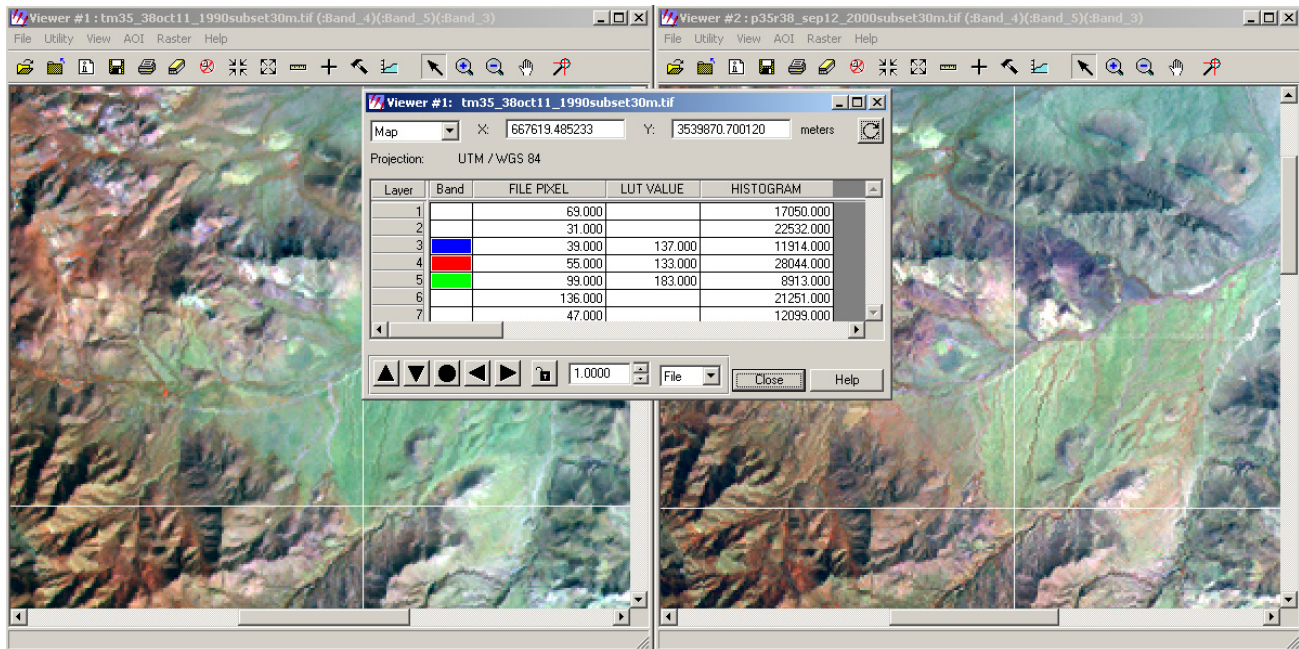
## Loading multiple images for comparison in Erdas Imagine


1. It is useful to inspect multiple satellite images at once in order to identify change. There are several ways to compare multiple satellite images in Erdas Imagine. To start, images may be compared side-by-side.

2. Load an image in an open viewer, then open a second viewer and load the image that you would like to compare. If the images are georeferenced to the same reference system, they may be geographically linked. To link the two viewers, choose *View > Link/Unlink Viewers > Geographical*. Then click once in the other viewer. Now, zooming and panning in one viewer is also reflected in the other.



3. It is also helpful to use the *Inquire Cursor* for side-by-side comparison. Click the *Start/Update Inquirer Cursor* button  in one viewer. A cross-hair will become active, and moving it in one window will also move it to the same location in the other. There is also a window that appears and gives the band values for the particular pixel centered on (screen capture on next page). *File Pixel* represents the actual DN value for the pixel, *LUT Value* is the “Look-up-Table” or stretched value after enhancement, and *Histogram* is the number of pixels in the image with the same value for that band. Click the *Goto Next Linked Viewer* button  to compare the values of either image, the file name can be seen in the heading.



4. Another way to examine multiple images is to load them in the same viewer. After loading an image in an open Imagine viewer, click the *Open Layer* button  again. Locate and single click the second image, and make sure that “Clear Display” is not checked in the *Raster Options* tab. Click OK to load the second image “on top” of the first. To compare the two, choose *Utility > Swipe*. Sliding the Swipe Position marker back and forth also swipes the top image. Also try *Utility > Flicker* and *Utility > Blend* for additional viewing options.

