

In order to use generic GeoTIFF imagery in Research Systems' ENVI 3.x, follow the steps below:

1. **Start ENVI:** In MS Windows this will generally be through either a desktop icon or an entry under the "Start -> Program Files" section of the Windows menu.
2. **Load the Bands:** ENVI has native support for GeoTIFFs. Select "File -> Open Image File" and navigate to the correct location for the GeoTIFF band. Double click it. It will be added to the "Available Bands" list which will now be visible.
 - 2.1 **Alternative 1:** "File -> Open External File -> Landsat -> GeoTIFF"
 - 2.2 **Alternative 2:** "File -> Open Previous File" if the file has already been examined.
3. **To Display Bands Separately (as gray scale):** Highlight the band in question (note the "Selected Band" display will update) and click "Load Band". The image now displays in the ENVI display environment.
4. **To Display Bands as an RGB Composite:** In the available bands list, highlight "RGB Color". There is now space to select three bands for display in your RGB composite. Select the GeoTIFF bands you wish to display and select "Load RGB". This is an important step as GLCF provides most of its Landsat imagery in individual bands to expedite the download of relevant information.

A Note on Spatial Reference Data in ENVI: ENVI has robust support for the GeoTIFF standard and will directly read in the necessary metadata. If more detailed information is required such as sun elevation, time of acquisition, etc. consult the .hdr file available with the GeoCover product.