

*Overlay

1. file|open|raster layer and display bands 4,5,3 respectively
2. from the viewer tool bar open a classified raster layer, make sure the "clear display" option is turned off from the "raster options tab" found from that dialog box
3. select Raster | Attributes from the viewer, the editor will be displayed
4. NOTE: you can edit the way this editor appears by selecting Edit | Column Properties
5. Start by setting opacity for all classes to "0". In the Raster Attribute Editor, click on the word OPACITY at the top of the Opacity column, then right-click-hold on the word Opacity and select formula from the column option menu, click on the "0" (the zero on the number pad); and click on Apply.
6. Now change the color for class 1 to something like Yellow or red so it's easier to see, ... click on the color patch and change the color.
7. Change the opacity for class 1 in the Cell Array to 1 and press return, this class will be shown in the viewer.
8. From the viewer menu bar select Utility | Flicker ... the dialog opens ... turn on the auto mode.
9. The flashing pixels are the pixels in this class, click on the Class_Name in the editor and give it meaningful name and assign it a meaningful color
10. Repeat steps 6 – 9 for the other classes.

*Thresholding (for supervised classification when a distance file was created)

1. This utility allows you to determine which pixels are most likely to be incorrectly classified as you set the distance threshold pixels "data distance" from the class mean.
2. Select Threshold from the classification menu from the icon panel, a dialog will open.
3. From that menu select file | open. Select the both the classified image and distance images from previous work. Click OK.
4. From the Threshold dialog select View | Select Viewer ... and click on the viewer that is displaying the supervised classified image.
5. In the threshold dialog select Histograms | Compute ... a separate histogram of the distance image for each class in the classified image is compute.
6. In the threshold dialog dialog move the ">" prompt to any class.
7. Select Histogram | View
8. Select the arrow on the X axis of the histogram to move it to the position where you want to threshold the histogram... the chi-square value is updated as you move the arrow. (With 6 spectral bands we have 5 degrees of freedom so the critical Chi-sq. value is ~11.07 where $p=.05$)
9. Repeat steps 6 – 8 for the other classes
10. Click Close in the Distance Histogram
11. In the Threshold dialog, select View | View Colors | Default Colors, use the default settings, but review what your options are
12. In the Threshold dialog, select Process | To Viewer
13. Now use the Utility | Flicker (or other options) to help you visualize the pixels that have be "thesholed".
14. If you select Process | to File in the Threshold dialog an output file (*.img) will be generated which can be further analysed or modified.