TERM PROJECT TIPS *(Dr. Fred Wilson)*

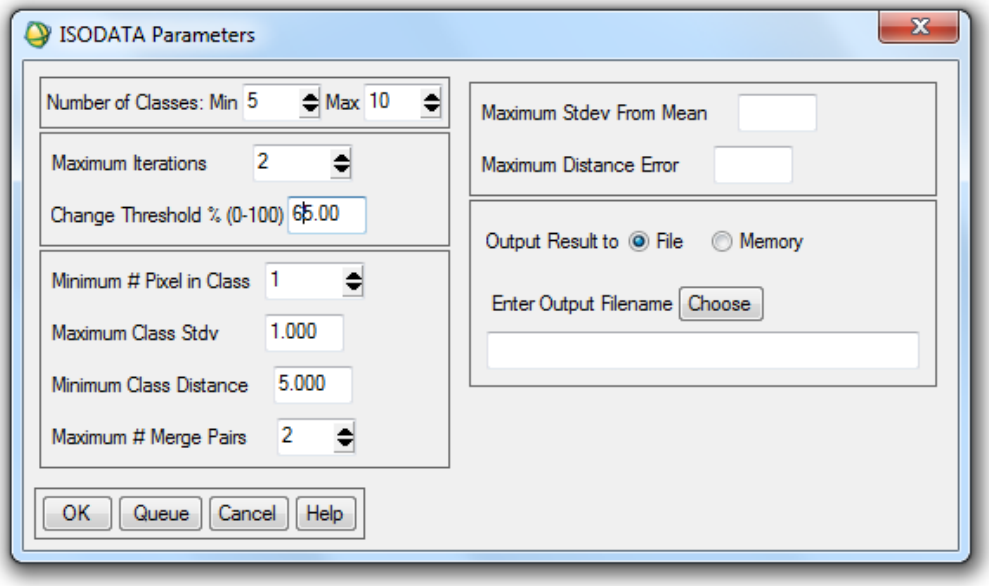
CLASSIFICATION – Unsupervised, IsoData

Data: Landsat TM (LT5_2010_263) provided

Bands: Individually Assigned & Distributed

Input Criteria (see below)

Spectral Subset: Use your Band(s) that was/were assigned and see below



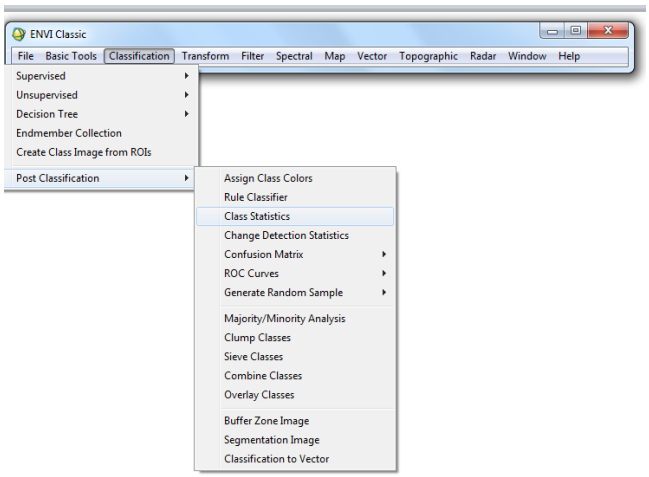
Output Result to: Navigate to your Folder in **your workspace** and name your file.

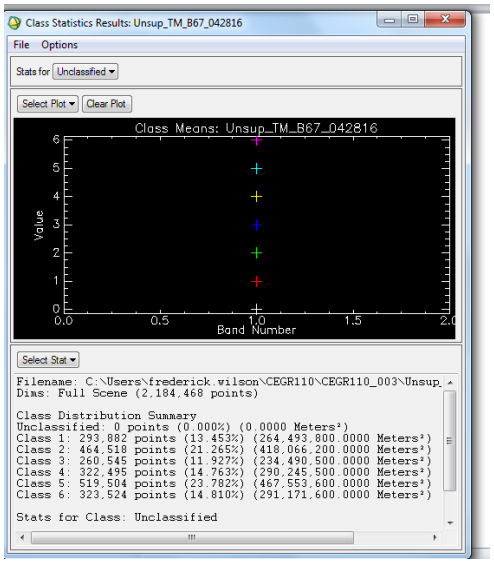
ID the Classes and Color Code them (use the Real Color Composite Display (B742) as a guide). Urban – Red, Vegetation – Green, Water Bodies – Blue, and Marsh – Yellow (if you have Marsh). Use different shades of the respective colors for sub classes (Ex. Urban I – Dark Red, Urban II – Mid Red, & Urban III – Light Red).

POSTPROCESSING (Post Classification):

1. Class Statistics (Make a Table of the Class Stats)

   Go to "Classification", then select "Post Classification", and select "Class Statistics" (see below).





(Block and paste the classes in Word – see below)

Filename: C:\Users\frederick.wilson\CEGR110\CEGR110_003\Unsup_TM_B67_042816

Dims: Full Scene (2,184,468 points)

Class Distribution Summary

Unclassified: 0 points (0.000%) (0.0000 Meters²)

Class 1: 293,882 points (13.453%) (264,493,800.0000 Meters²)

Class 2: 464,518 points (21.265%) (418,066,200.0000 Meters²)

Class 3: 260,545 points (11.927%) (234,490,500.0000 Meters²)

Class 4: 322,495 points (14.763%) (290,245,500.0000 Meters²)

Class 5: 519,504 points (23.782%) (467,553,600.0000 Meters²)

Class 6: 323,524 points (14.810%) (291,171,600.0000 Meters²)

Use class stats for your table (**Table 1**.) Please **convert** Meters² to Acres.

REPORT: Remember that the report must be 4 pages, Font Size 12 Times New Roman; Single Spaces. Cover Page required.