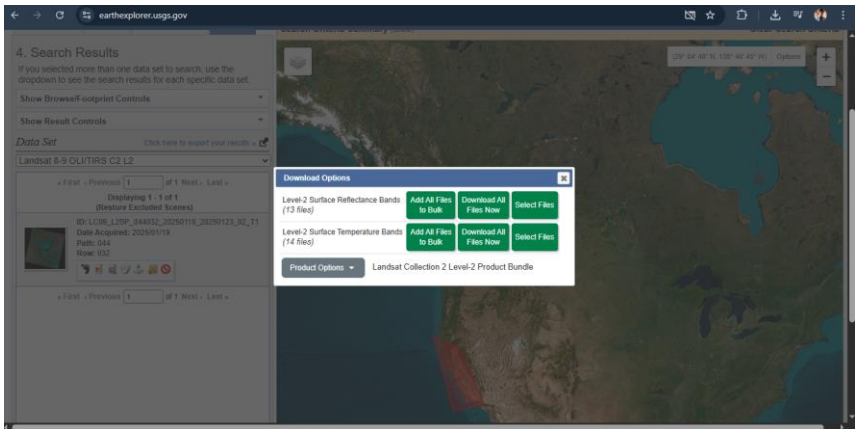
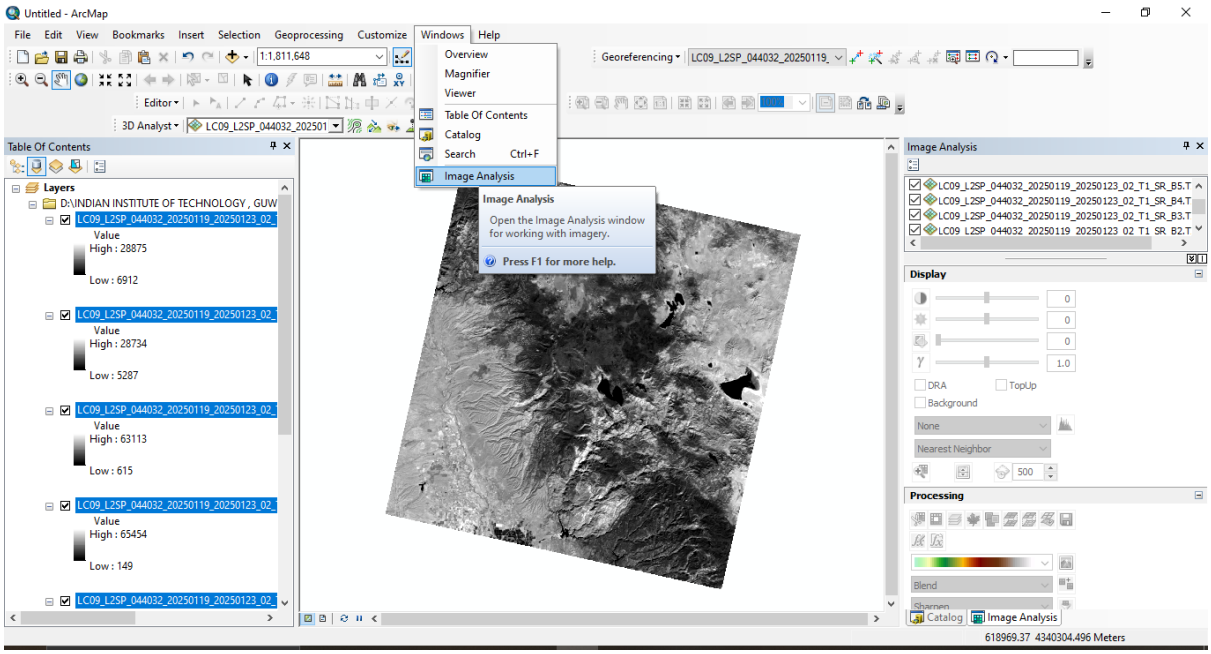
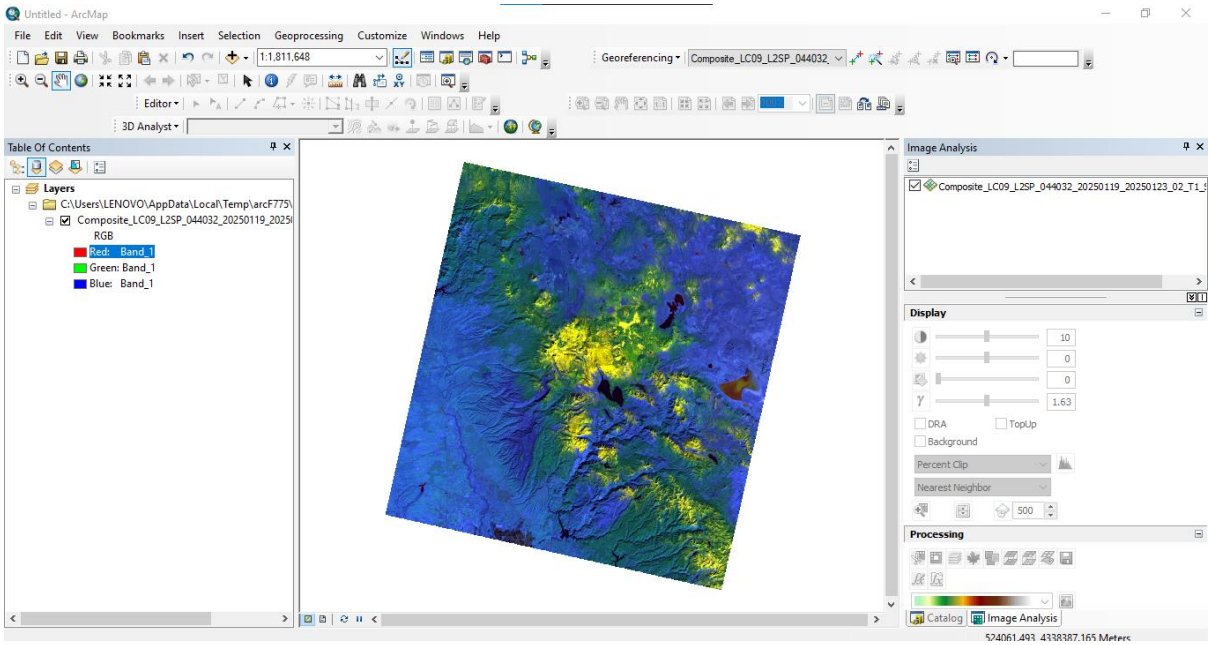
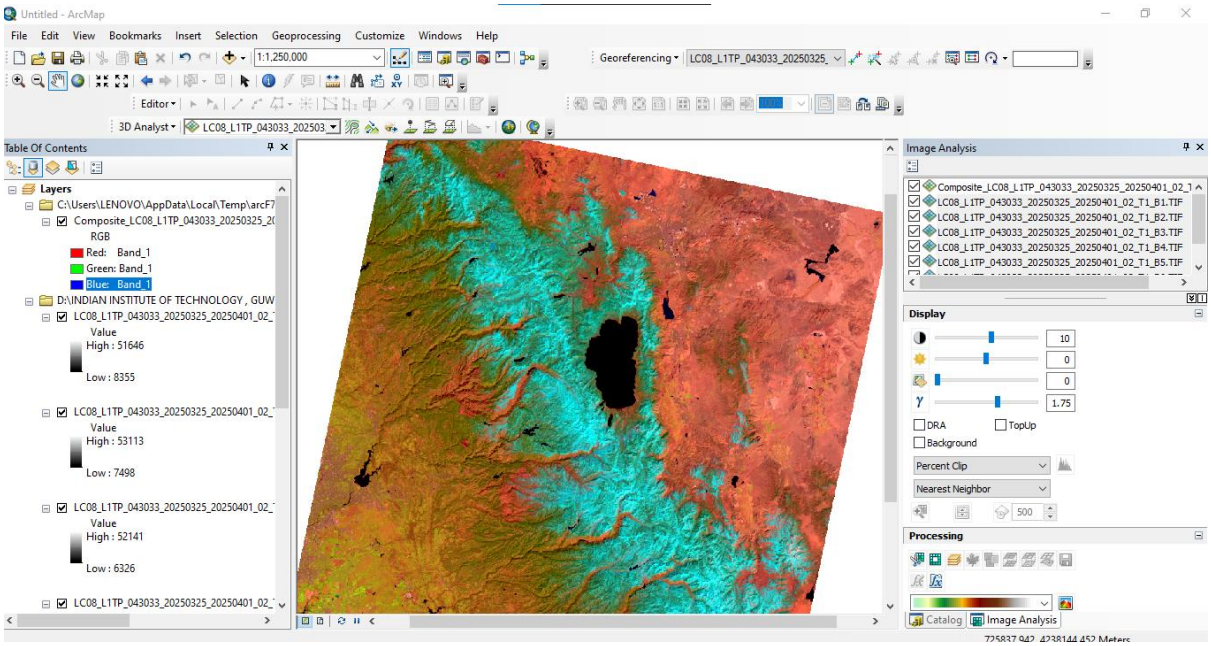
Landcover Change Detection using Landsat 8





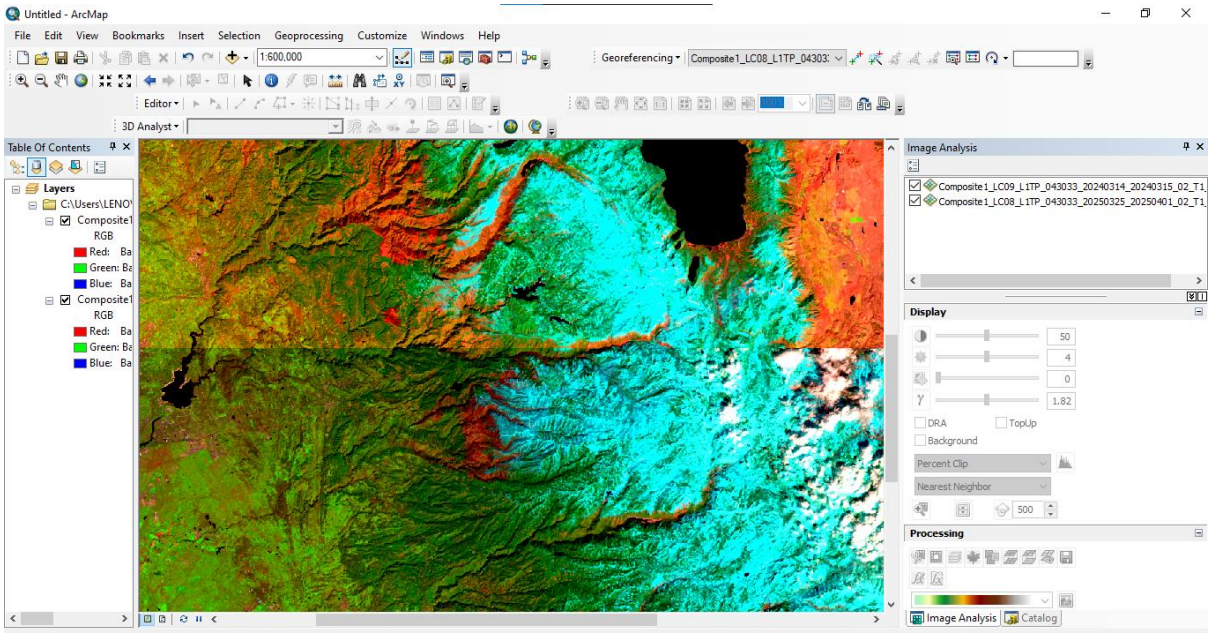


Band – 4,3,2

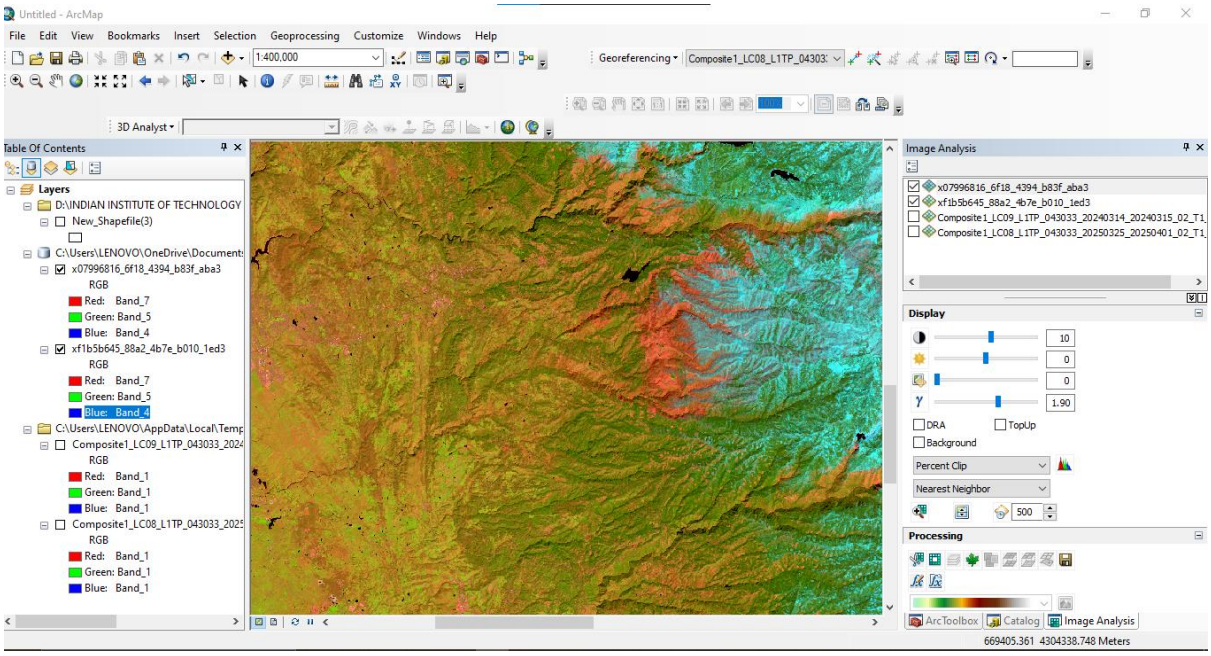


Band – 6,5,4

Composite bands of 2nd Map



Actually going to take the difference of the two rasters



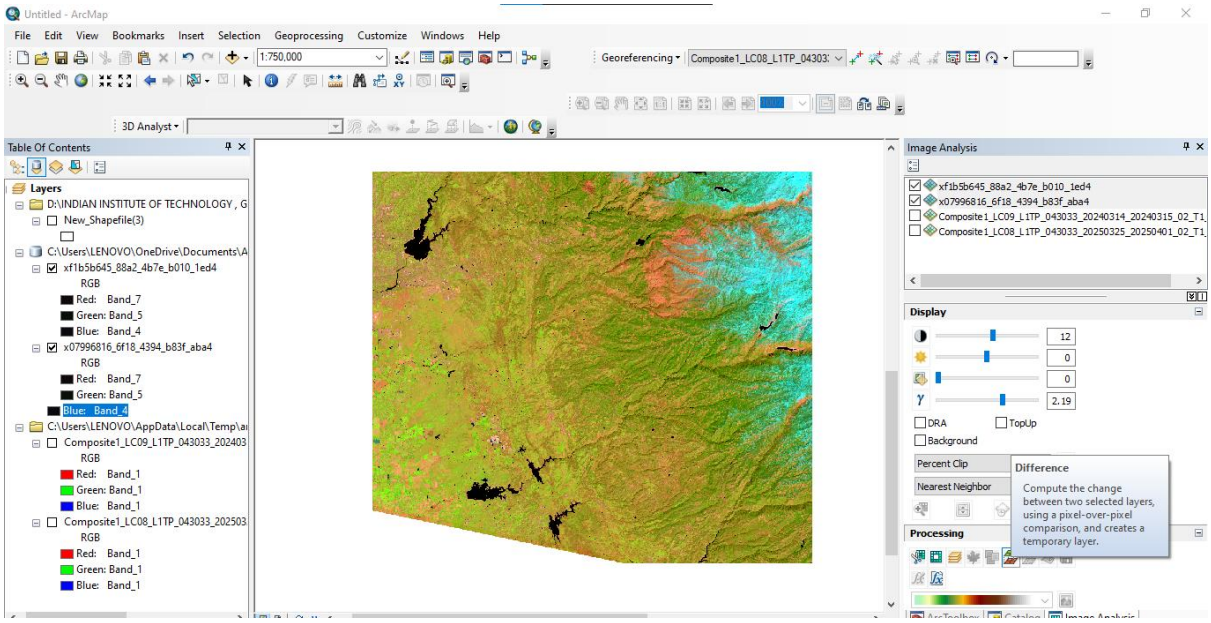

Untitled - ArcMap
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Table Of Contents
Layers
Image Analysis
Display
Processing
Difference
Compute the change between two selected layers, using a pixel-over-pixel comparison, and creates a temporary layer.

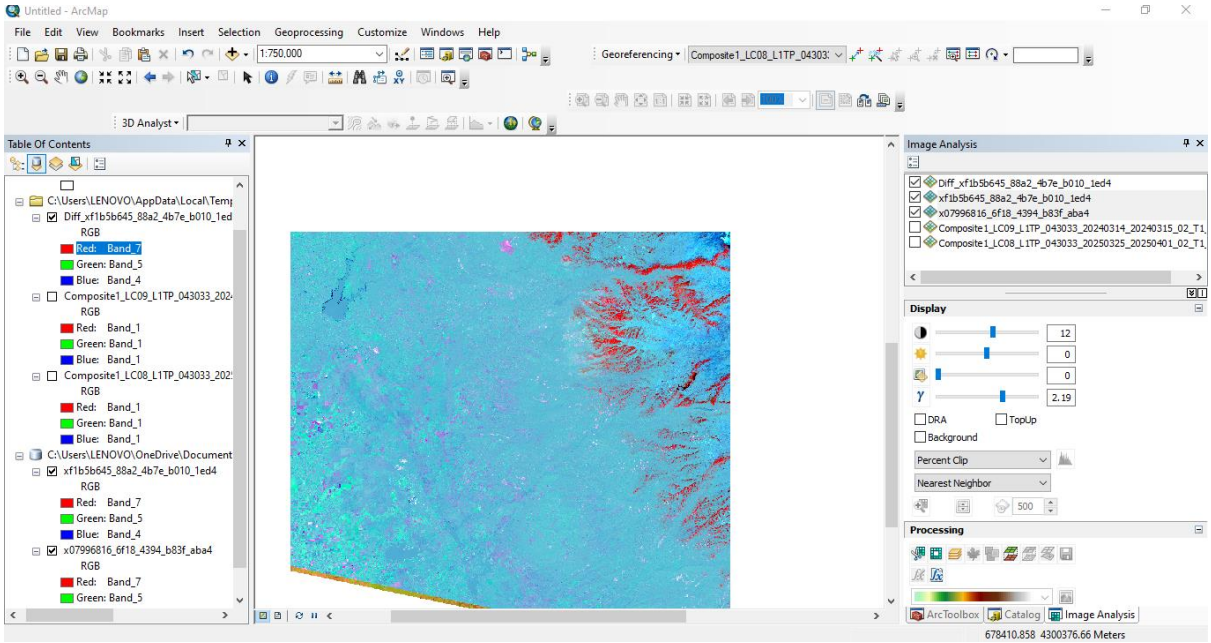
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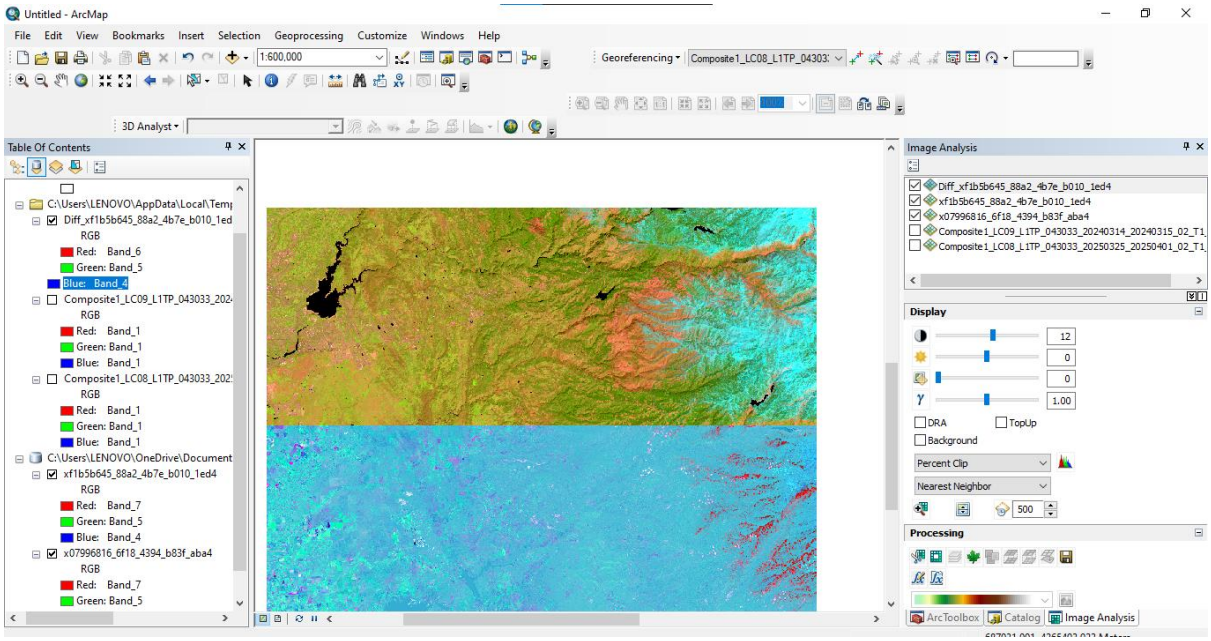
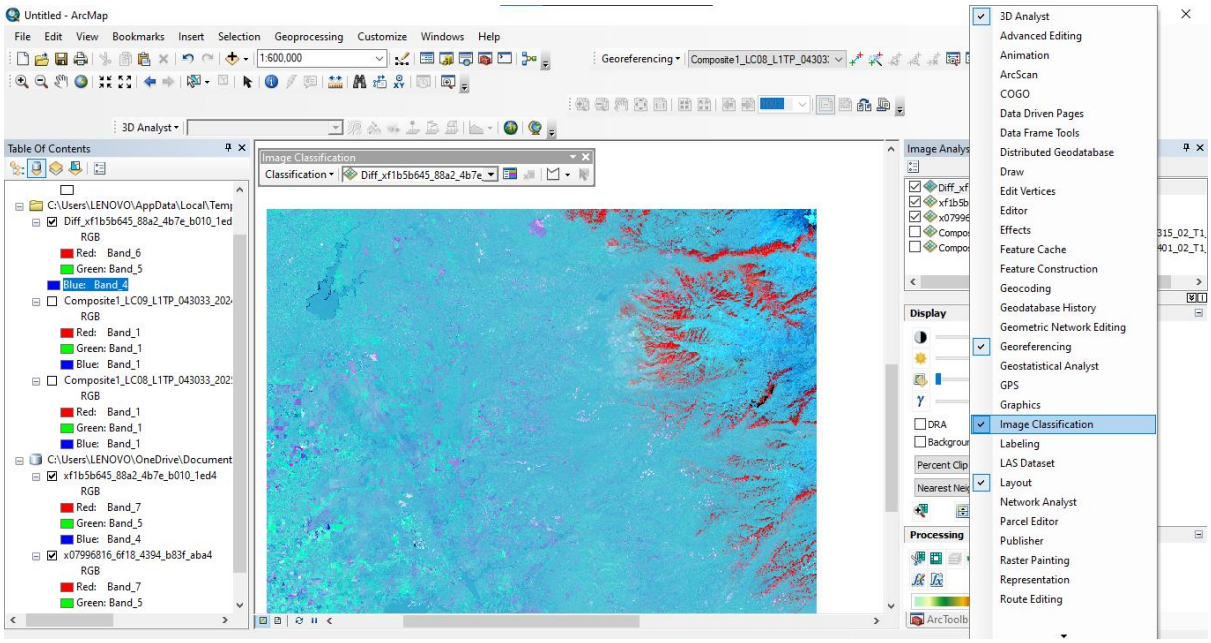
Image Analysis
Display
Processing
ArcToolbox Catalog Image Analysis
678410.858 4300376.66 Meters



calculate the areas which got burnt due to the fires you can actually perform a simple classification



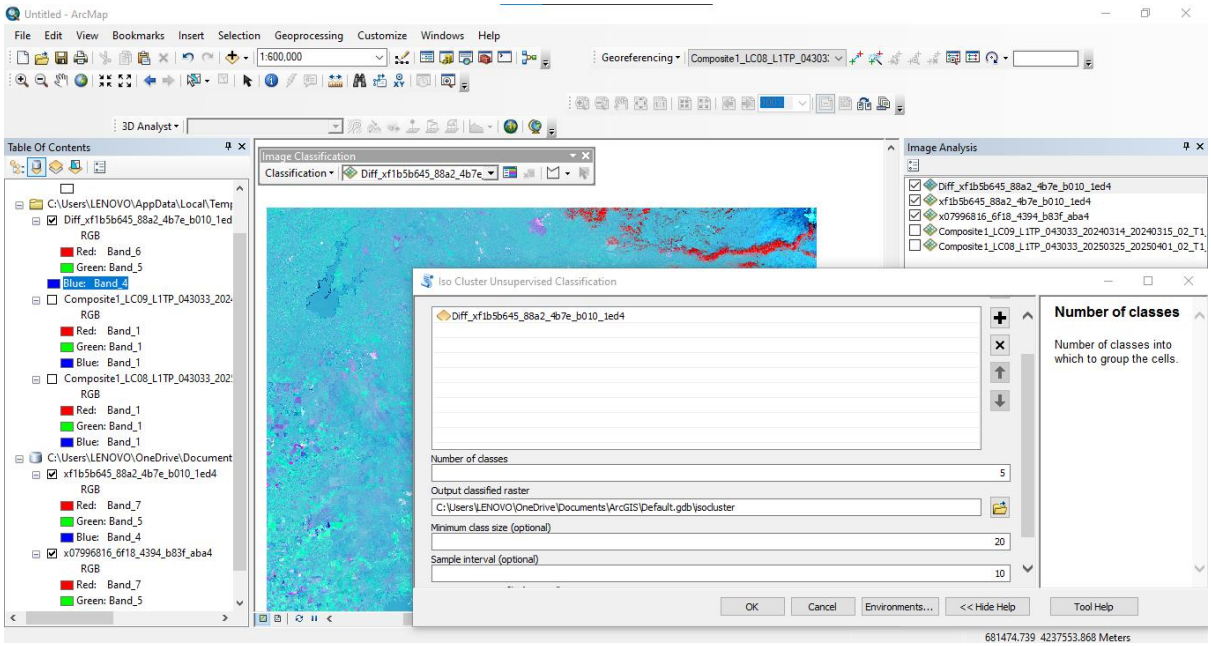

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Image Classification
Image Analysis
Iso Cluster Unsupervised Classification
Number of classes
Number of classes into which to group the cells.
Number of classes
5
Output classified raster
C:\Users\LENOVO\OneDrive\Documents\ArcGIS\Default.gdb\isocluster
Minimum class size (optional)
20
Sample interval (optional)
10
OK
Cancel
Environments...
<< Hide Help
Tool Help
681474.739 4237553.868 Meters

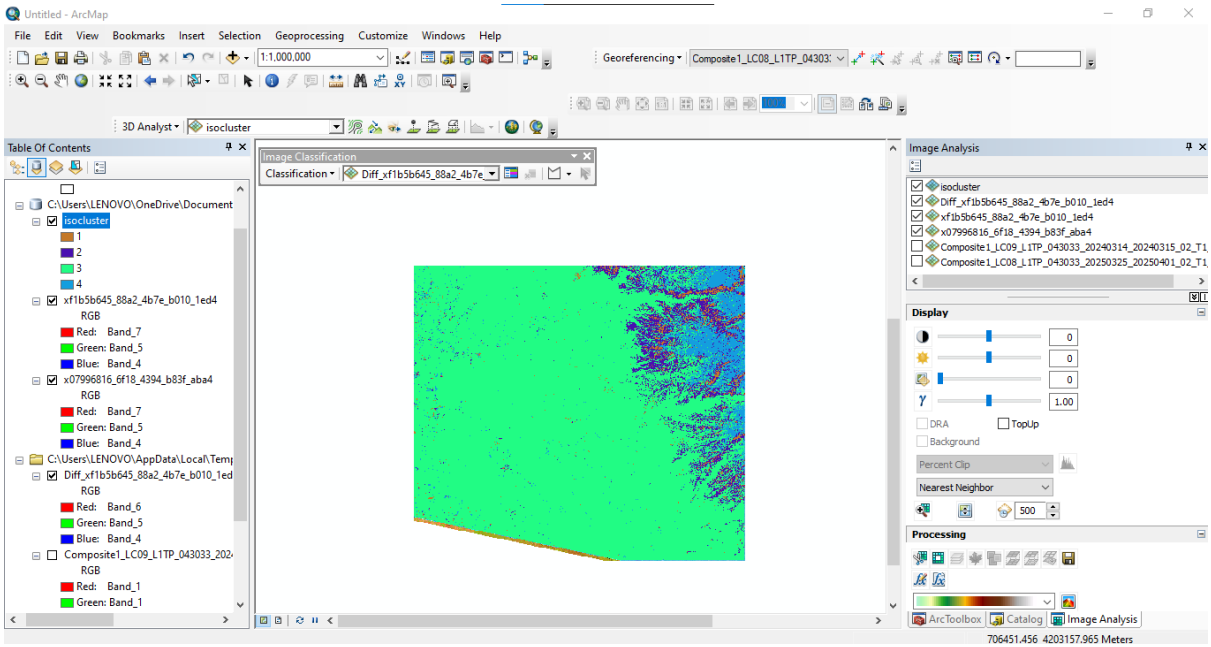
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Image Classification
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ArcToolbox
Catalog
Image Analysis
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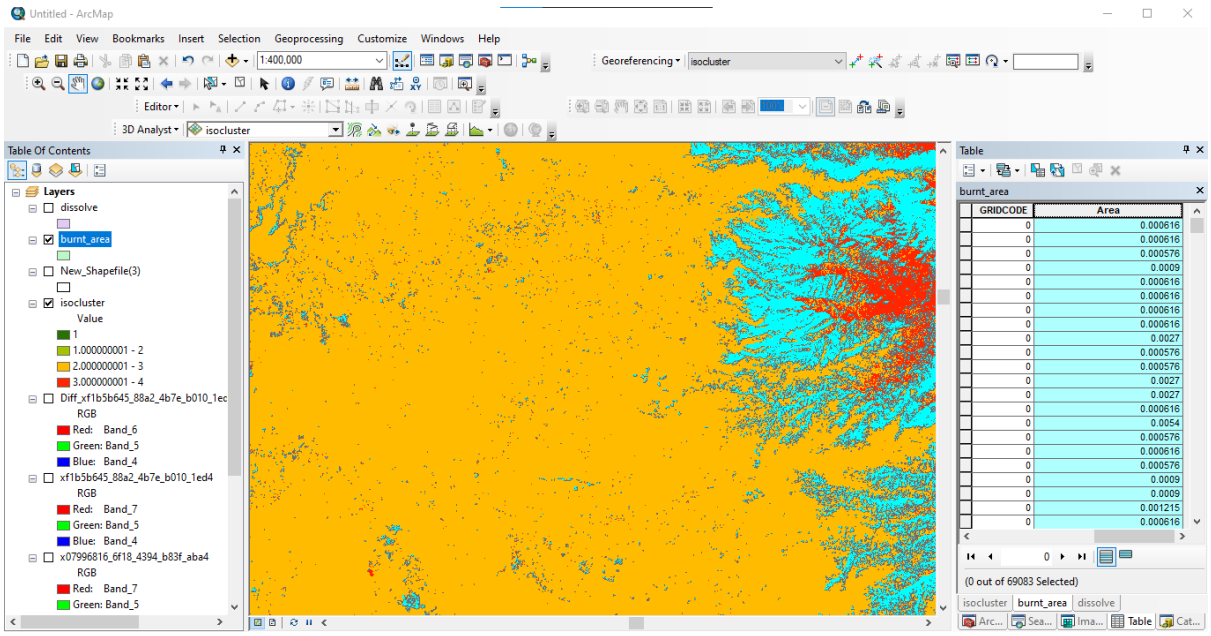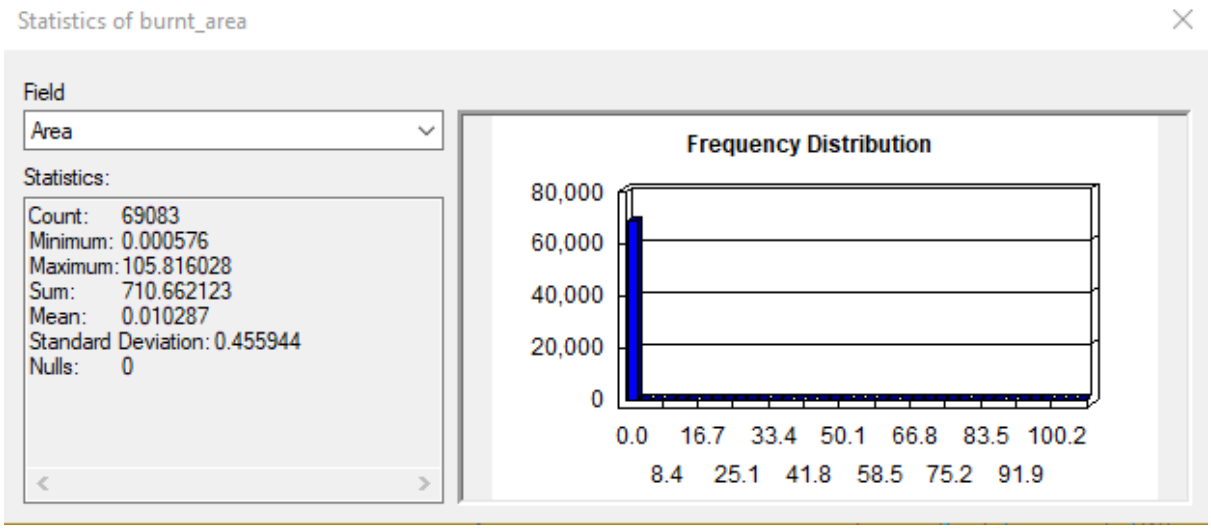
By using Raster to Polygon ,we can export area in polygon shape