IMAGEINE Vector

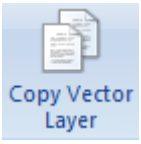
zone88

germtm.img

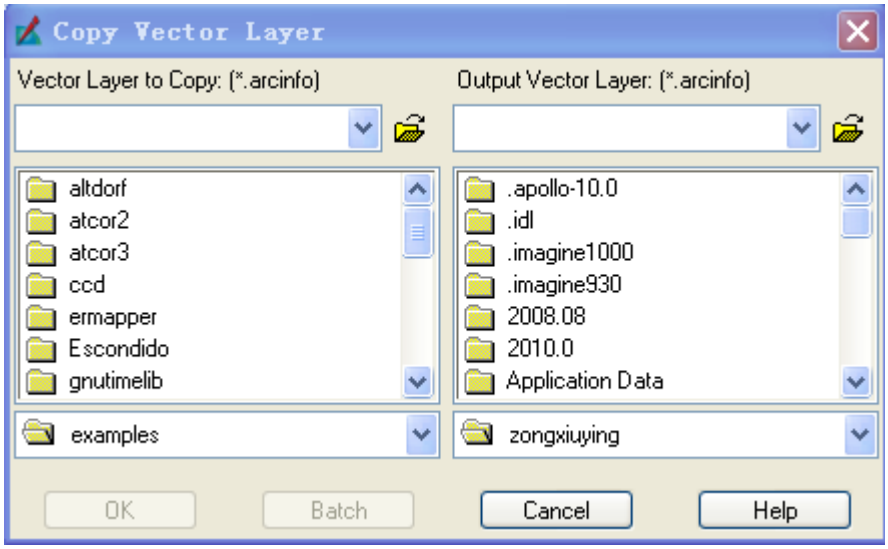
ERDAS IMAGINE

ERDAS IMAGINE

1 **Vector** **Manage Vector** **Copy Vector Layer**



Copy Vector Layer



1 **Copy Vector Layer** **Vector Layer to Copy**

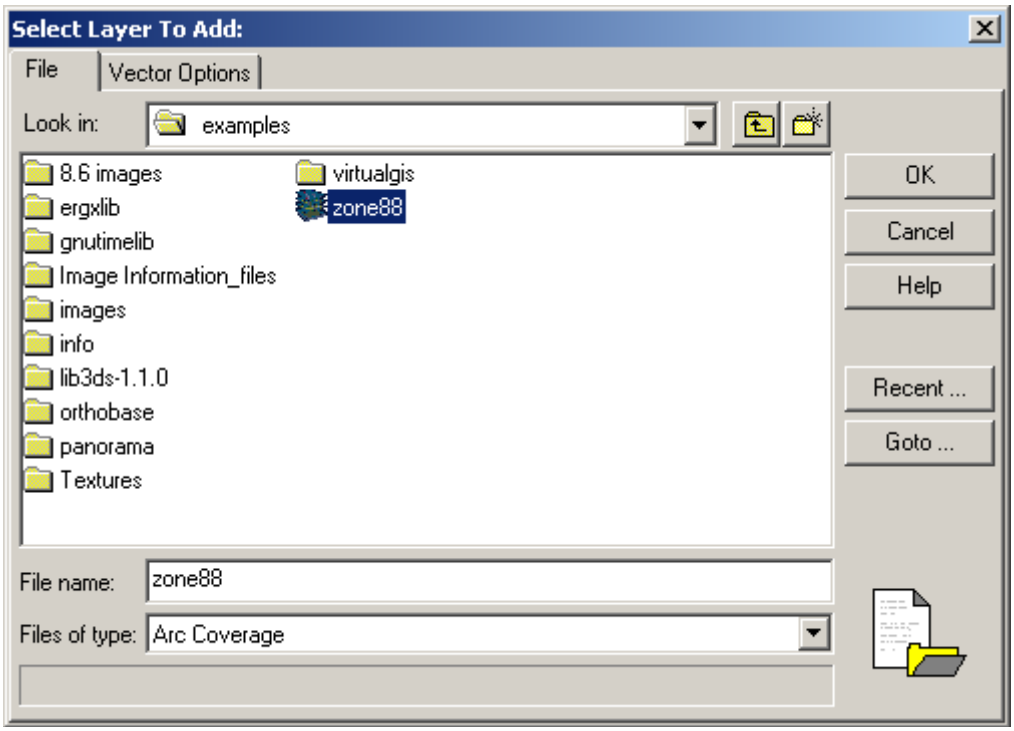
zone88

2 **Output Vector Layer**

3 **OK**

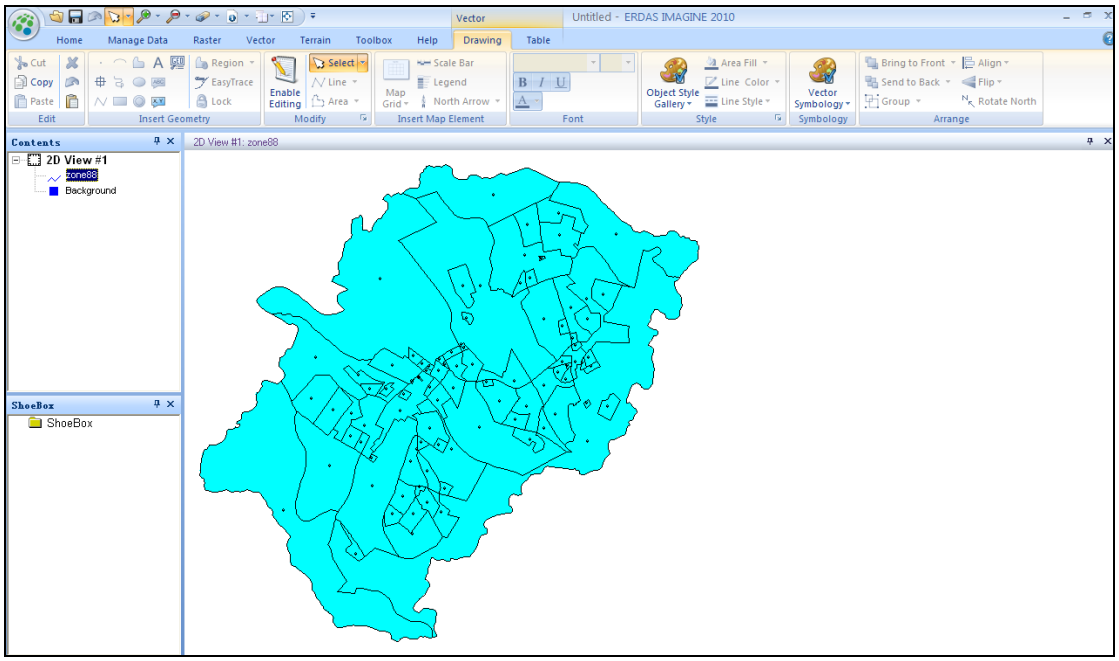
4 100% **Close**

1 **ERDAS IMAGINE** **Menu** **Open->Vector Layer** **Select Layer To Add**



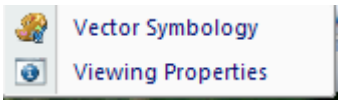
2

3 **OK**

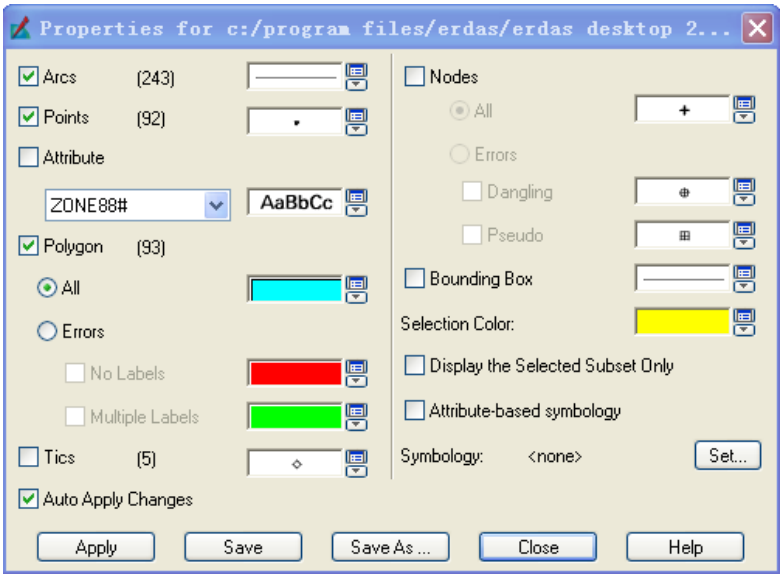


Properties

1 **Drawing** **Symbology** **Vector Symbology**



Viewing Propreties **Properties**

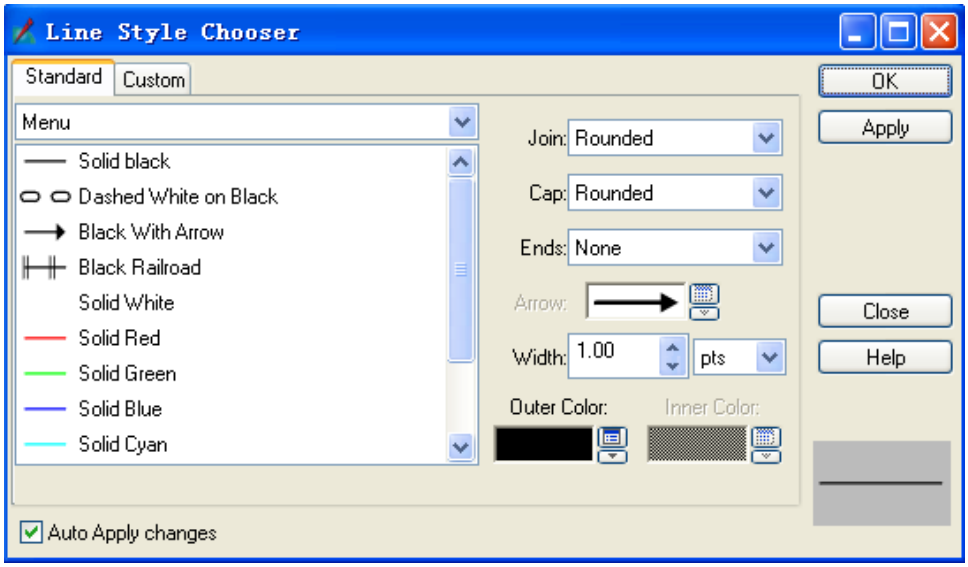


2 **Properties** **Arcs** **Points**

3 **Apply**

4 **Points** **Arcs** **Polygon** **Apply**

5 **Arcs**  **Other** **Line Style Chooser**



6 **Line Style Chooser** **Width** **2.00**

7 **Outer Color**  **Red**

8 **Apply** **Close** **Line Style Chooser**

9 **Properties** **Apply**

10 **Properties** **Arcs** **Other** **Line Style Chooser**

11 **Outer Color** **Black** **Width** **0.500** **Apply**

12 **Line Style Chooser** **Close** **Properties** **Apply**

1 **Properties** **Points** **Attribute** **Attribute** **ZONING**

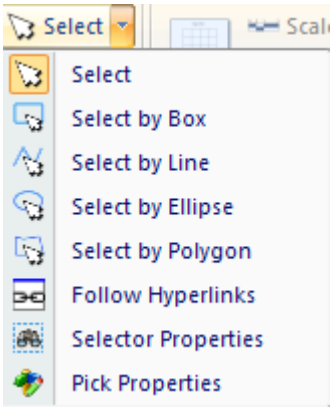
2 **Apply** **label** **zone number**

3 **Attribute** **Apply**

4 **Close**

5 **symbology** **NO**

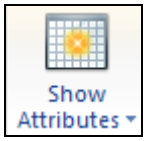
1 **Drawing** **Modify** **Select**



2 **Shift**

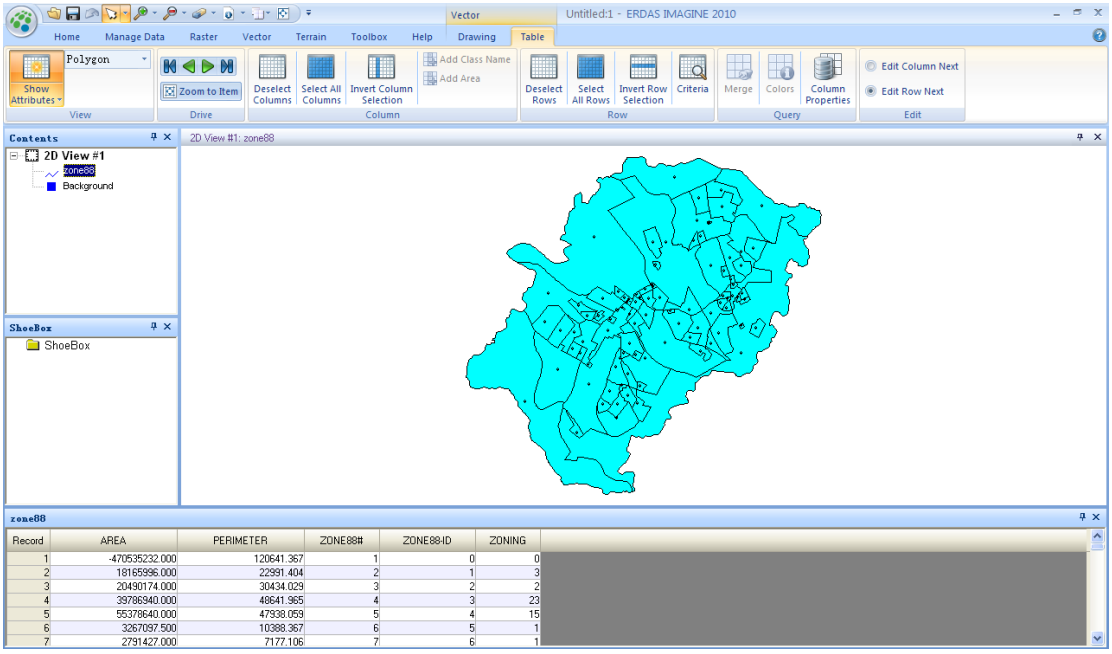
3

4 **Table** **View** **Show Attributes** **Show Attributes**





Attributes



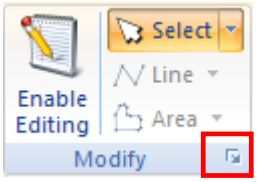
5

6 **Attributes CellArray Record**

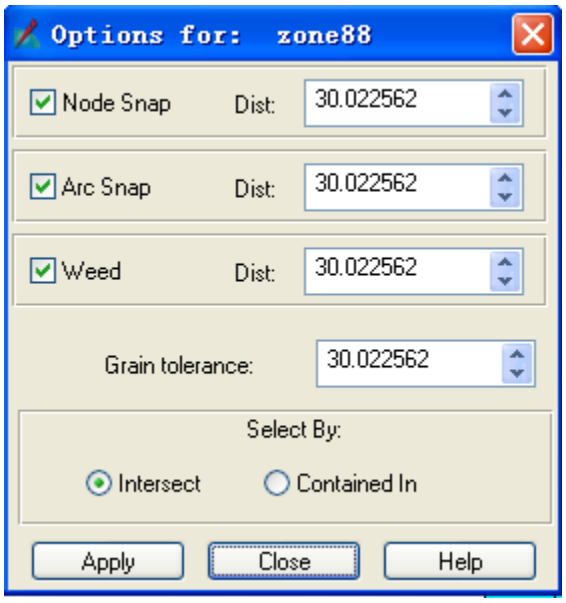
7 **Attributes CellArray Record Row Selection->Select All**

8 **Attributes CellArray Record Row Selection->Select None**

1 **Drawing Modify**



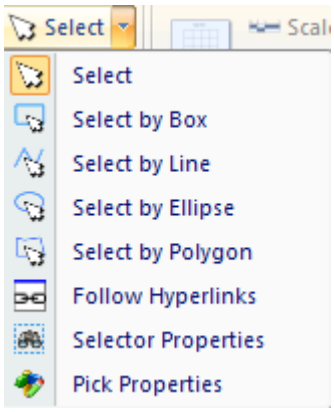
Options



2 **Options** **Select By** **Contained In**

3 **Apply** **Close**

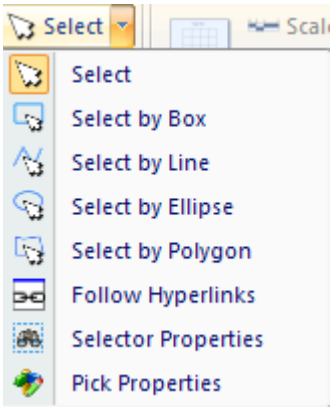
4 **Drawing** **Modify** **Select** **Select by Box**



5

6

7 **Drawing** **Modify** **Select** **Select by Line**



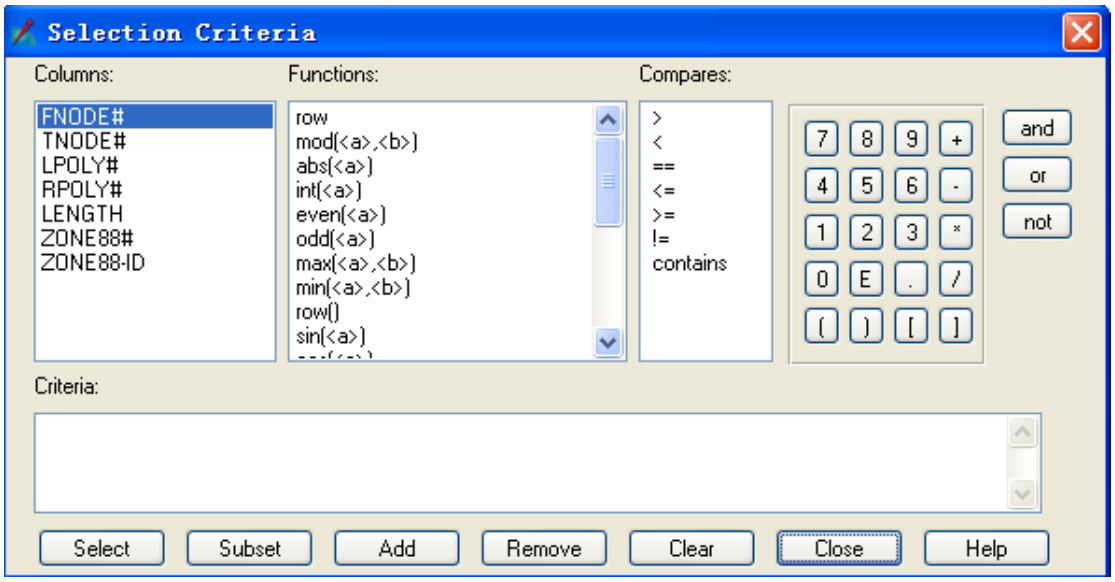
8

9

criteria

1 **Table** **Row** **Criteria** 

Selection Criteria



2 **Selection Criteria** **Columns** **AREA** $"**AREA**" **Selection Criteria** **Criteria**

3 **Compares** >

4 **Criteria** **5000000** **Criteria** $"**AREA**" >5000000

5 **Select**

6 **Selection Criteria** **and**

7 **Columns** **ZONING**

8 **Compares** **==**

9 **4** **Criteria** **$"AREA" >5000000 and $"ZONING"==4**

10 **Selection Criteria** **Select** 5000000 **square feet** 4

11 **Selection Criteria** **Close**

12

13 **Attributes**

14 **Clear View**

1 **Open Raster Layer**

2. **germtm.img**

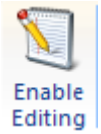
3 **Raster Options** **Fit to frame**

4 **OK**

5 **Open Vector Layer**

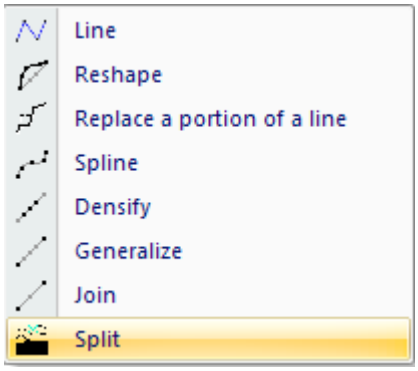
6 **Select Layer To Add dialog** **zone88**

7 **OK**

1 **Drawing** **Modify** **Enable Editing** 

2

3 **Drawing** **Modify** **Line** **Split**



4

5

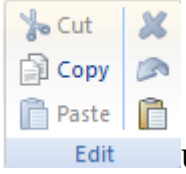
6 **Shift**

7 **Modify** **Line** **Join**

8 **Modify** **Line** **Reshape**

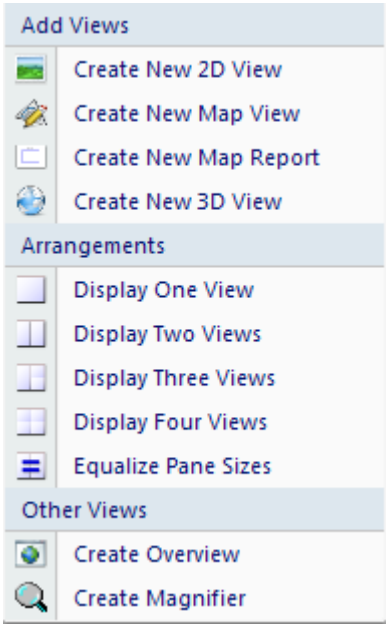


9



10 **Edit** **Undo**

1 **Home** **Window** **Add Views** **Create New 2D View** 2**D**



2 (**Viewer** #2) **Open Raster Layer**

3 **germtm.img**

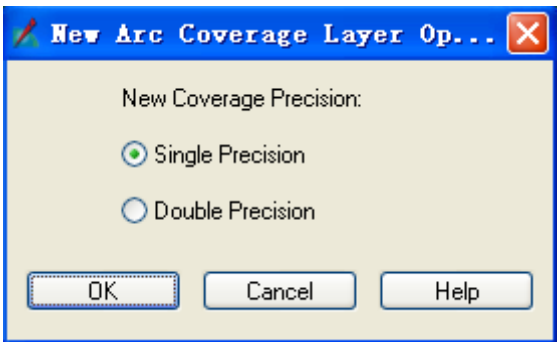
4 **Raster Options** **Fit to Frame**

5 **OK**

6 **Menu** **New->2D View->Vector Layer**

7 **zone88subset**

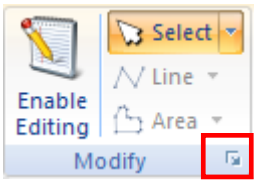
8 **OK** **New Arc Coverage Layer Option**



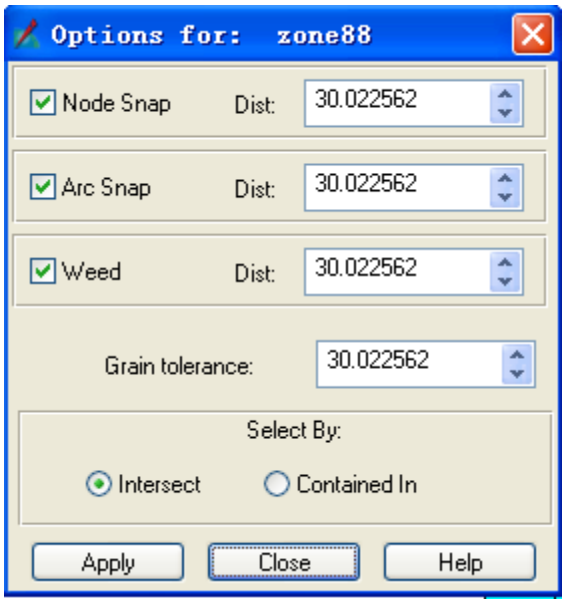
9 **Single Precision**

10 **New Arc Coverage Layer Option** **OK**

11 **Viewer** #1 **Drawing** **Modify**



Options

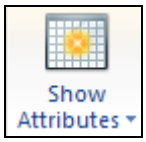


2 **Options** **Select By** **Contained In**

3 **Apply** **Close**

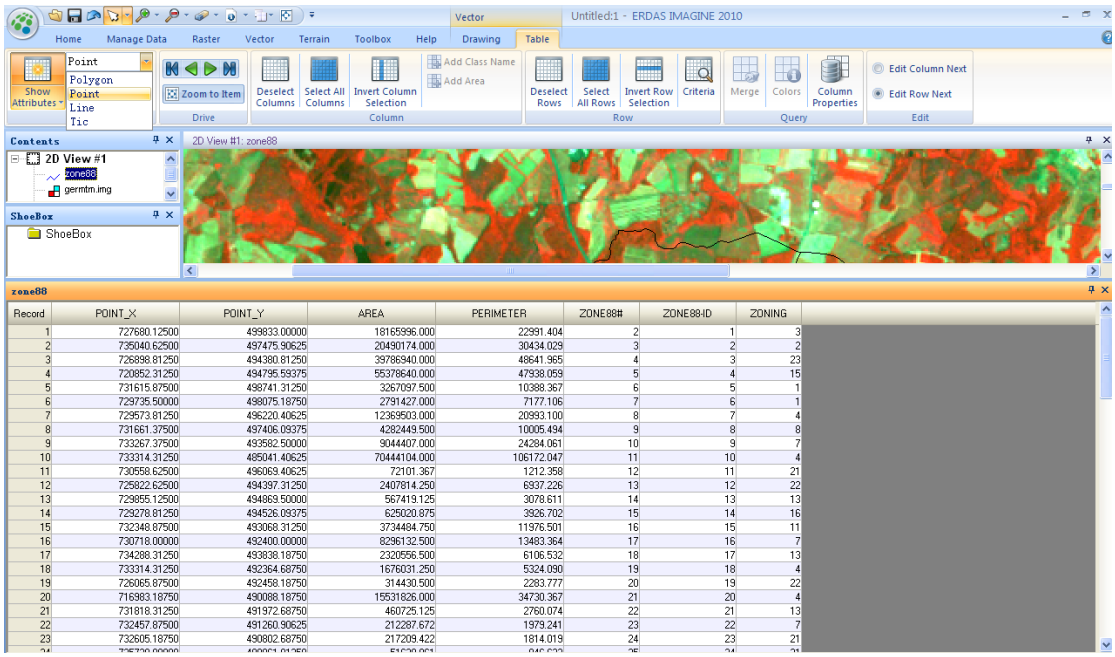
4 **Viewer** #1 **Table** **View** **Show Attributes**

Show Attributes

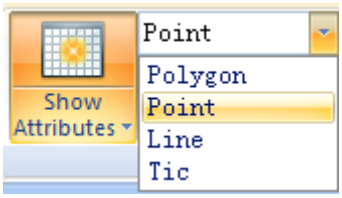




Attributes

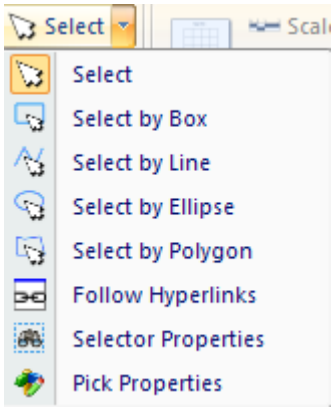


5 **Table** **View** **Point**



Zoning Attributes

1 **Drawing** **Modify** **Select** **Select by Ellipse**

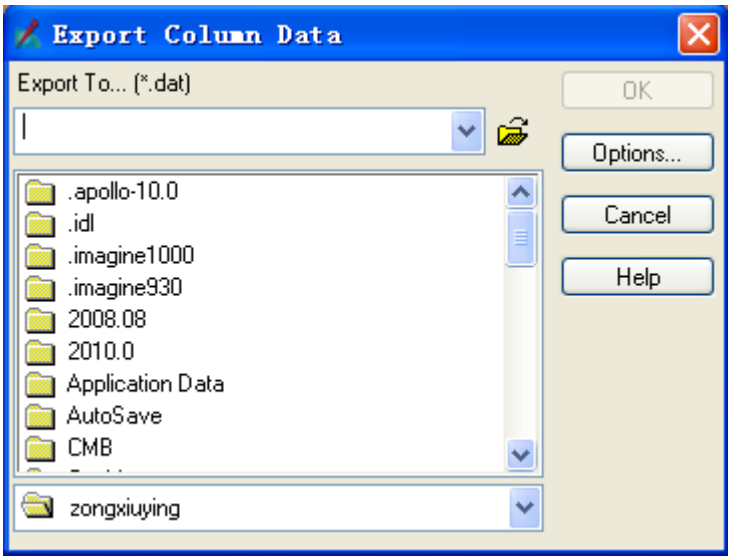


2 **Shift** **Viewer** #1 **Attributes**

Attributes CellArray

3 **ZONING** **ZONING**

4 **ZONING** **Column Options->Export**



5 **Export Column Data** **ASCII** **zoning**

6 **OK**

7 **Viewer** #1 **Drawing** **Edit** **Copy**

8 **Viewer** #2 **Drawing** **Edit** **Paste**

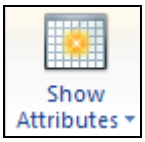
9 **Viewer** #2

10 **Attributes**

11 **Viewer** #2 **Menu** **Save->Top Layer**

12 **Viewer** #2 **Table** **View** **Show Attributes**

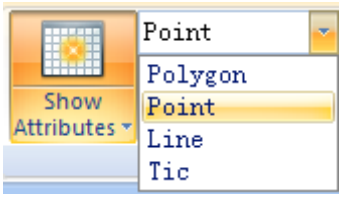
Show Attributes





Attribute

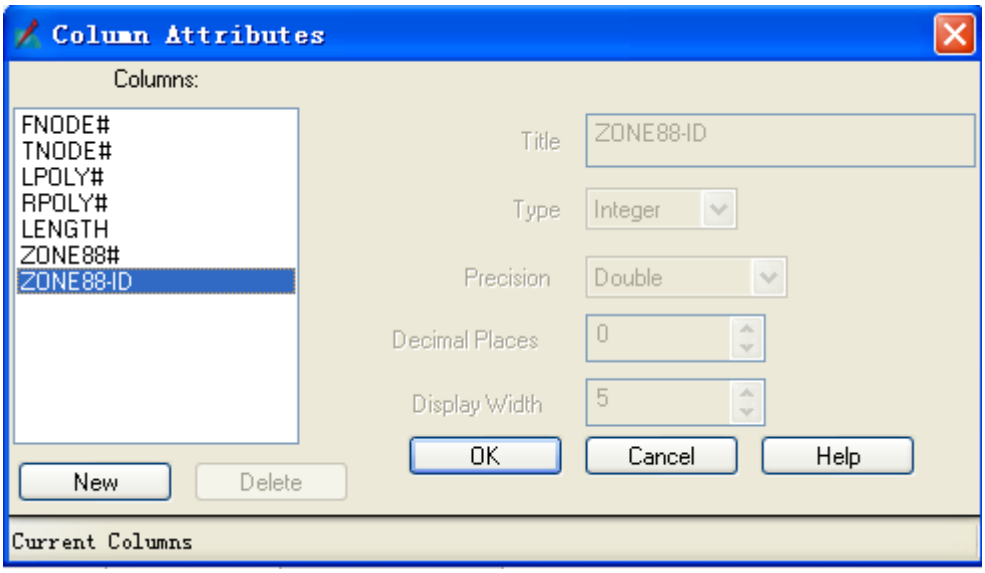
1 **Table** **View** **Point**



2 **Table** **Query** **Column Properties**



Column Attributes



3 **Column Attributes** **New**

4 **Title** **ZONING**

5 **Type** **Integer**

6 **Precision** **Single**

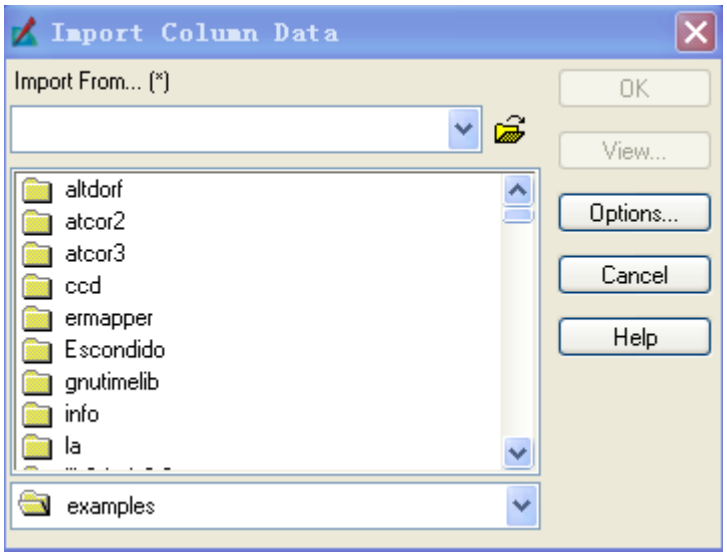
7 **Display Width** **12**

8 **Column Attributes** **OK**

9

10 **Record** **Row Selection->Select All**

11 **Column Options->Import** **Import Column Data**



12 **Import Column Data** **ASCII** **Export Column Data**

zoning.dat

13 **OK**

shapefile

1

2 **(Viewer #2)** **File->Open->Raster Layer**

3 **File Type** **IMAGINE Image** **germtm.img**

4 **Raster Options** **Fit to Frame**

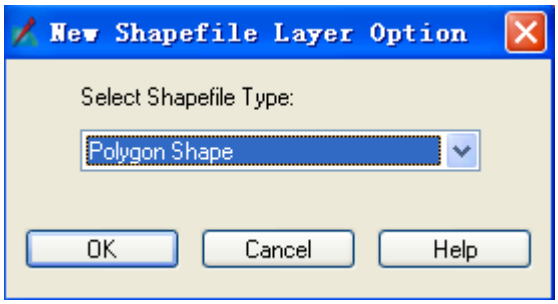
5 **OK**

6 **Menu** **New->2D View->Vector Layer**

7 **File of Type** **Shapefile(*.shp)**

8 **zone88shapefile**

9 **OK** **New Shapefile Layer Option**



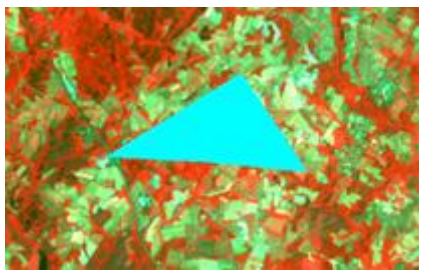
10 **Polygon Shape**

11 **OK**

shapefile coverage

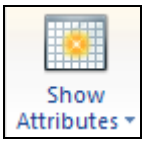
1 **Drawing** **Insert Geometry**

2

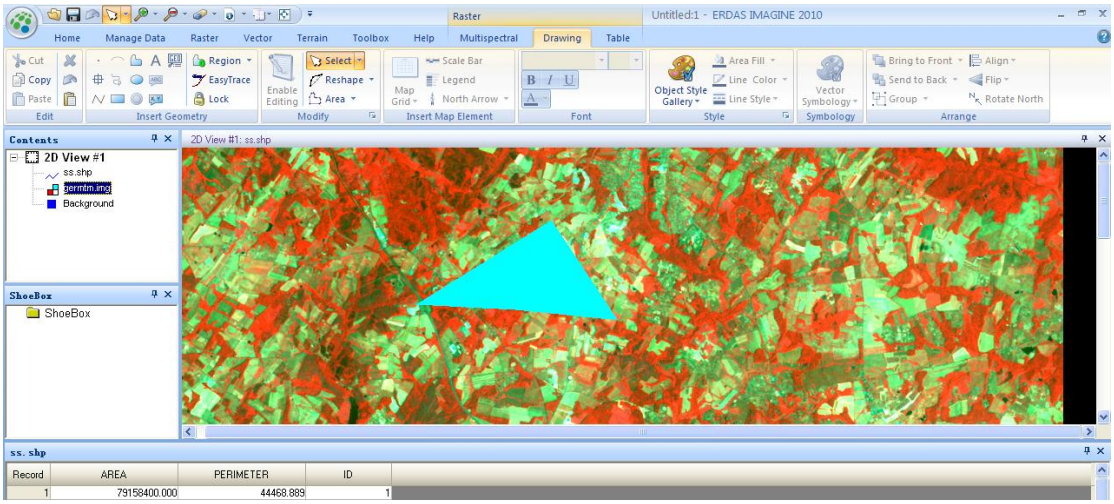


3 **Table** **View** **Show Attributes** **Show**

Attributes



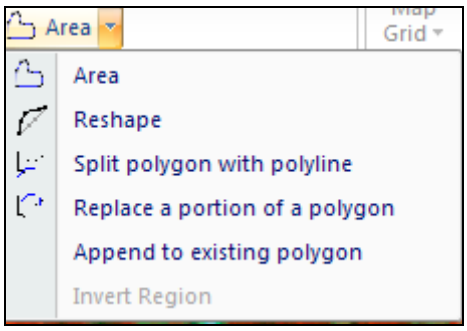




Shapefile

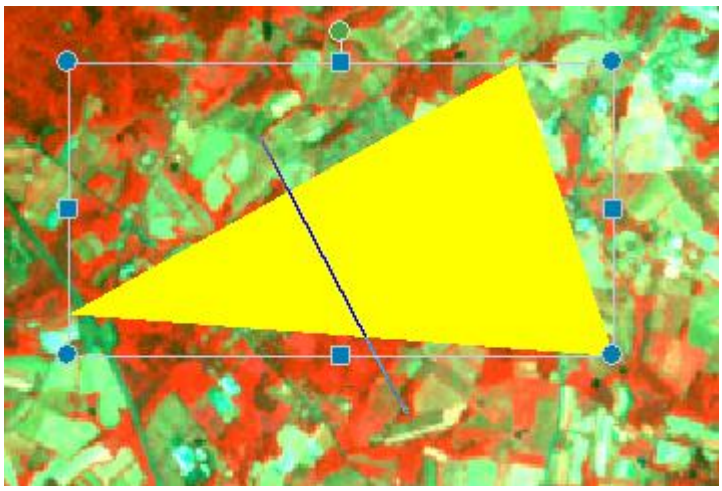
1

2 **Drawing** **Modify** **Area**

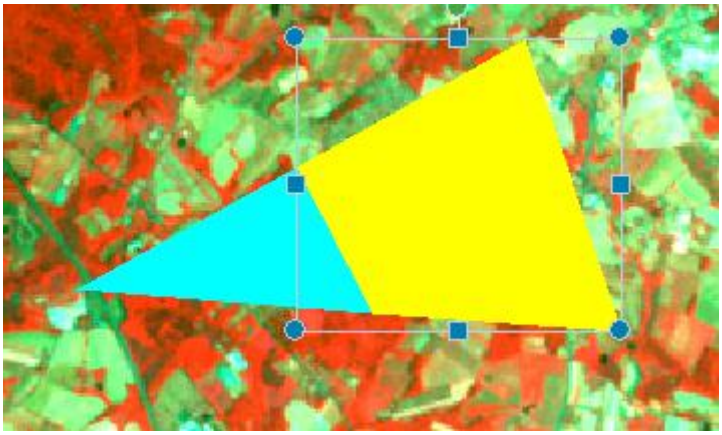


3 **Split polygon with polyline**

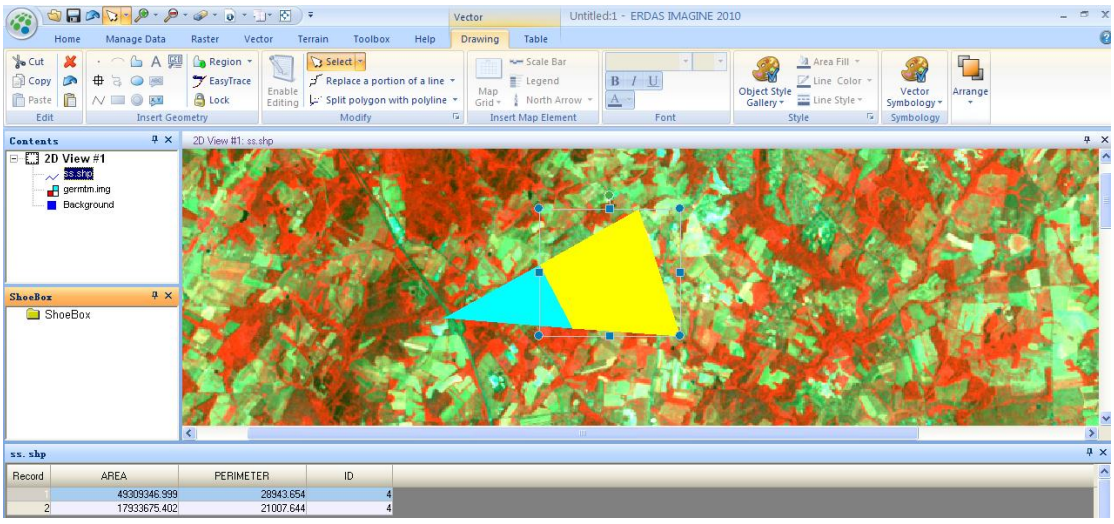
4



5

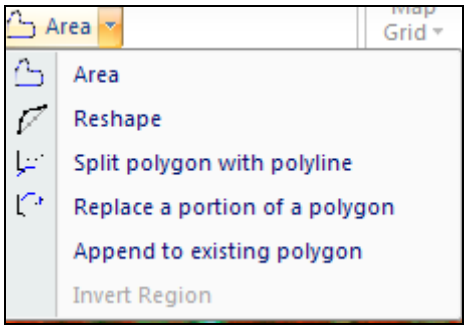


6 **Vector Attributes Area Perimeter**

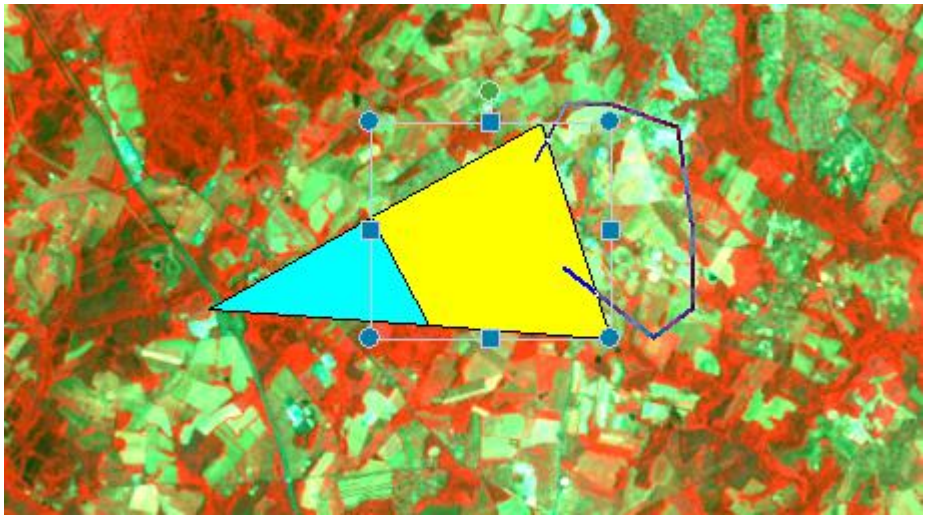


7 **Drawing**

Modify Area



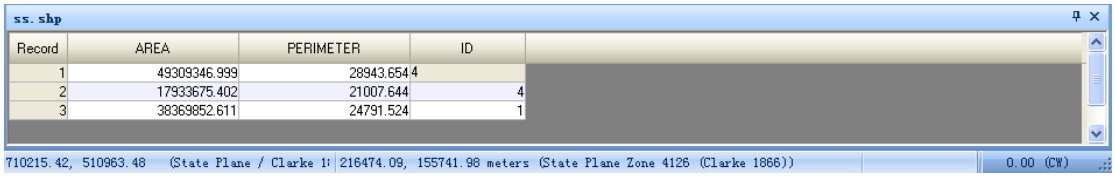
Append to existing polygon



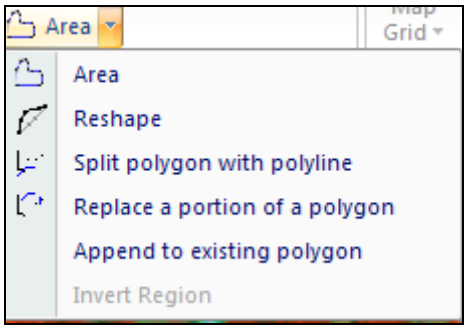
8



9 **Vector Attributes** **Area** **Perimeter**



10 **Drawing** **Modify** **Area**



Replace a portion of a polygon

11



12



13 **Vector Attributes** **Area** **Perimeter**

ss. shp

Record	AREA	PERIMETER	ID
1	17933675.402	21007.644	4
2	38369852.611	24791.524	1
3	60492388.940	34454.808	4

14 **Clear View** **Yes**