To convert an integer grid theme to a polygon feature theme

1 Click on the integer grid themes you want to convert to polygon feature themes, to make them active.

2 From the Theme menu, choose Convert to Shapefile.

3 Provide an output name and directory for the output shapefile created during conversion. Press OK.

4 Choose whether or not to add the new polygon feature theme to the view.

Start over with step 2 for each grid theme you activated.

Only the selected cells of an integer grid theme will be converted to polygons. If the integer grid theme does not contain selected cells, then all the cells will be converted to polygons.

The output polygon feature theme will contain a field called Gridcode. This field will hold the value of the cells that created the polygon in the integer grid theme.

The polygons in the output feature theme are smoothed in such a way that makes them appear smooth but still retains the positional accuracy of the data. Converting the output feature theme back to an integer grid theme, with Convert to Grid in the Theme menu, with the original cell size and extent, will demonstrate that the positional accuracy is preserved by making an exact copy of the original integer grid theme.