

Debrief technical document: 30th Jan 2015, Ian Mayo (from Ferran Ferrer)

Procedure to Trim shapefiles:

1.

Create a new polygon for the last North-South Degree.
Using digitizing is not good because is probably you can't reach the exact precision to the 90 N degree.

1.1

I create a text coordinate file.

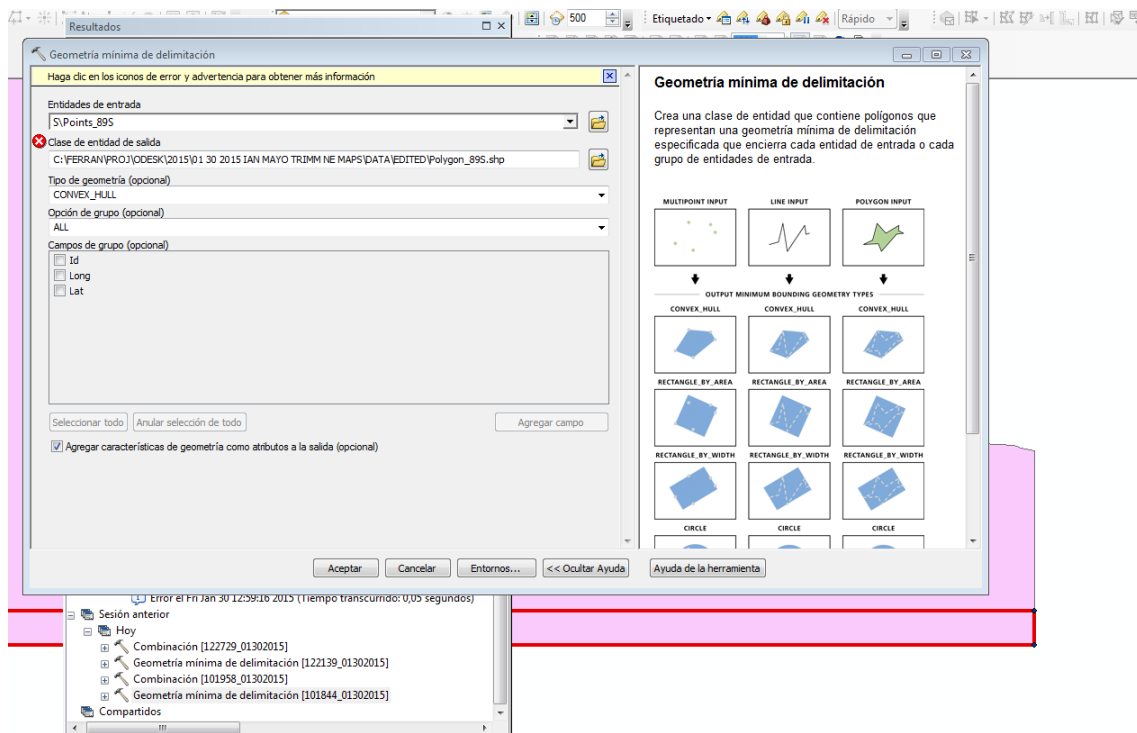
Id	Long	Lat
1	-180	-89
2	180	-89
3	-180	-90
4	180	-90

1.2

Add as a table, save as a geometry file .shp

1.3

Create polygon from points, in ArcGis there is not such direct tool, the work would be points to line, then line to polygon.
To do in one run, I use the tool
Minimum bounding box



The same for the north.

2. Overlay the two polygons.

2.1

In ArcGis is Combine, just add the two layers and run.

In Qgis is Vectorial/Geoprocessing Tools/Union

Just add and run

2.2

I start editing the layer, select the polygon newly created corresponding to a 89-90 degrees rectangle and delete it.

Close editing saving changes.

2.3Arranging table of attributes.

2.4Just delete the fields that come from the 89-90 shapefile.

That is!