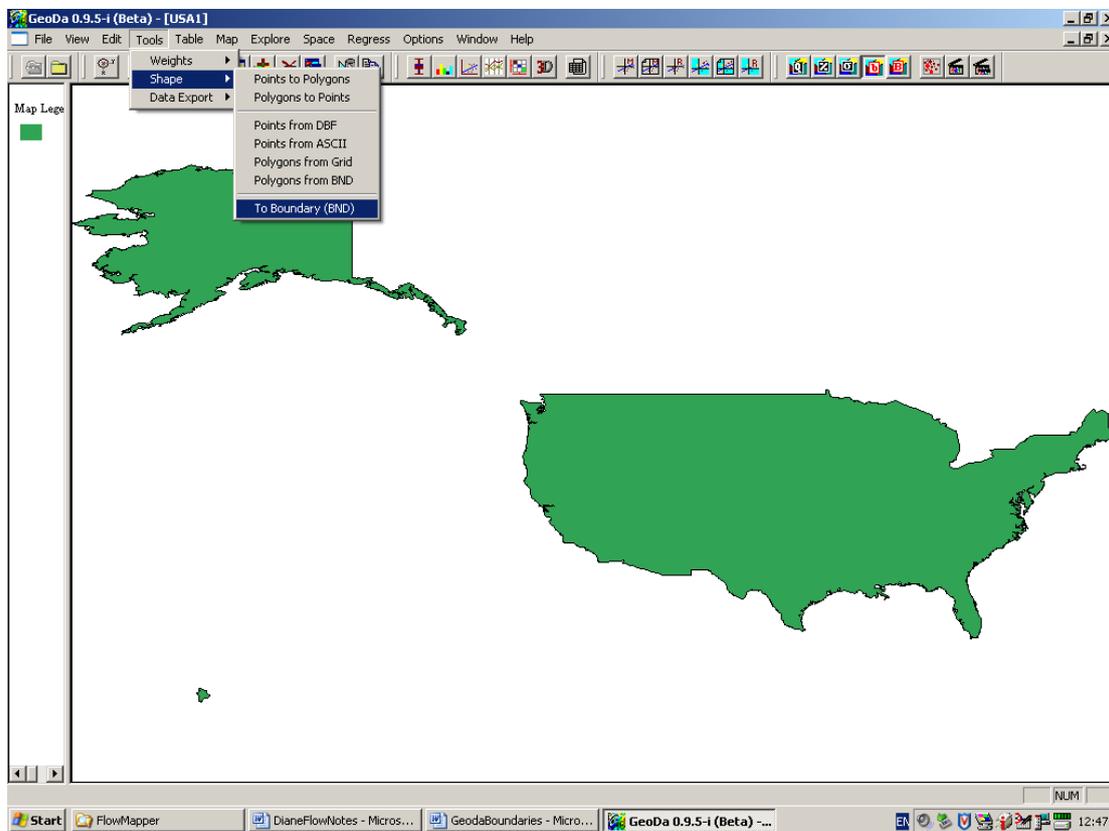<u>Automatic Generation of Boundary Files to FlowMapper Using Geoda</u>
<u>Submitted by </u>Diane Palmer University of Sheffield, UK

Geoda > Tools > Shape > To Boundary (BND)

Open the resulting .txt file, adjust header row (delete extra number at the top) and other consecutive polygon identifiers (see table below).

> In data with many polygons, this may be done as follows using Excel. Insert a row order number column and mark the current position of the row (copy down numbers). Sort on the X column. This will throw the polygon identifiers to the top as they are smaller than the coordinates. Replace the polygon identifiers in the X column with the number of points per polygon boundary from the Y. Sort on the row order column to get back into the original order. Delete the row order column.

Finish the file with a BLANK LINE. Save as .prn.

NB. The more complex files generated by Geoda may take some time to draw in FlowMapper. Also they may be too large for Excel 2003 to handle.

Table showing adjustment to Geoda BND output:

Row Order	X	Y		X	Y
1	0	21		21	
2	55.6652	-4.32904		55.6652	-4.32904
3	55.6652	-4.32905		55.6652	-4.32905
.	.	.		.	.
.	.	.		.	.
23	1	25		25	
24	55.6648	-4.32895		55.6648	-4.32895
25	55.6648	-4.32896		55.6648	-4.32896
.	.	.		.	.
.	.	.		.	.