

Multi-Raster Clip Tool

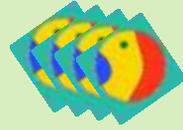
Geog 590

GIS Programming

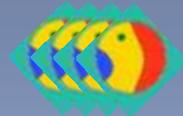
Winter 2011

By Donnych Diaz

(**with a lot of help
from Geoffrey Duh**)



Multi-Raster Clip Tool

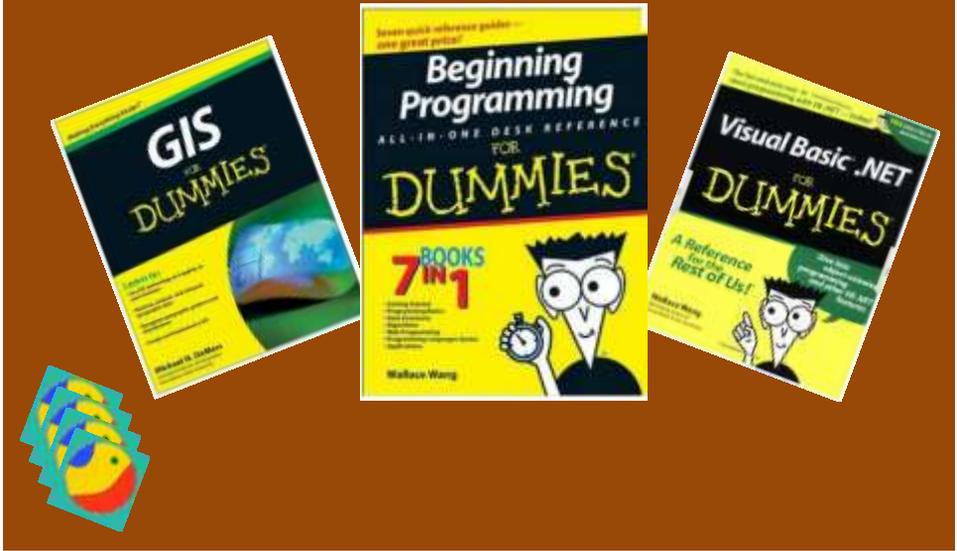


Background:

- Raster Clipping a lot of files.....
- Batch Clipping too tedious
- Automation....hummmm????
- ❖ **MRC** – Viola! Instant gratification – ahhh all my rasters are clipped! WOOO HOOO!

MRC -Tool

"AND NOW A WORD FROM OUR SPONSORS:"



MRC -Tool
"It's -Magic"

"These are buttons they are going to do wonderful things"

"These are textboxes they will show you wonderful things"

The screenshot shows the 'Multi-Raster Clip Tool' dialog box. It has a green background and contains the following elements: a 'Folder' button and a text box for selecting the folder; a 'Clip Feature' button and a text box for selecting the clip feature shapefile; a 'Click to Clip Rasters' label; a 'Clip' button; and a 'Close' button. Arrows point from the text annotations to the buttons and text boxes.

MRC -Tool

Tool Prerequisites:

- Rasters to be clipped should be in one folder.
- Have the clip feature already created or create on the fly and save to any folder.



MRC -Tool

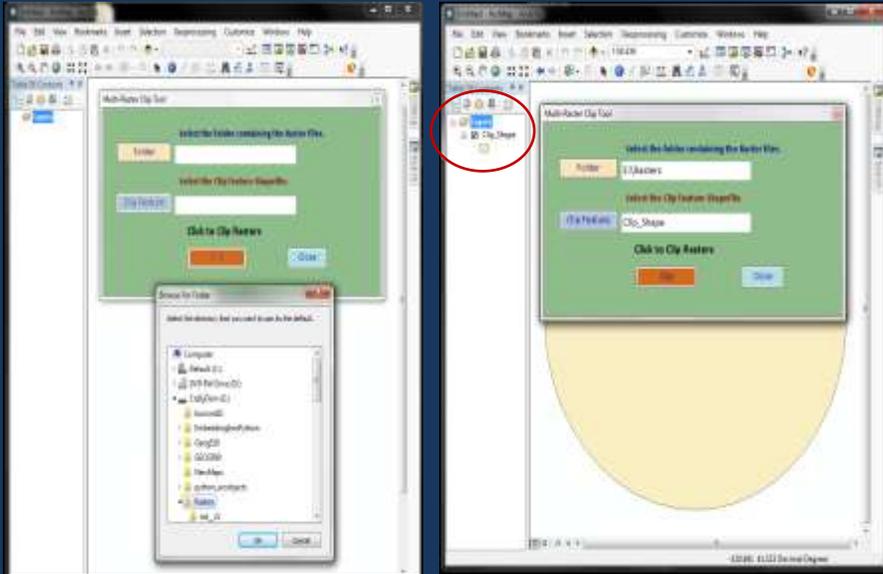
FUNCTION:

- ☺ Folder button sets the path for a folder, so be sure that the folder only contains rasters.
 - ☺ The Clip Feature Button only accepts Shapefiles.
- Once both the Folder and the Clip feature are selected

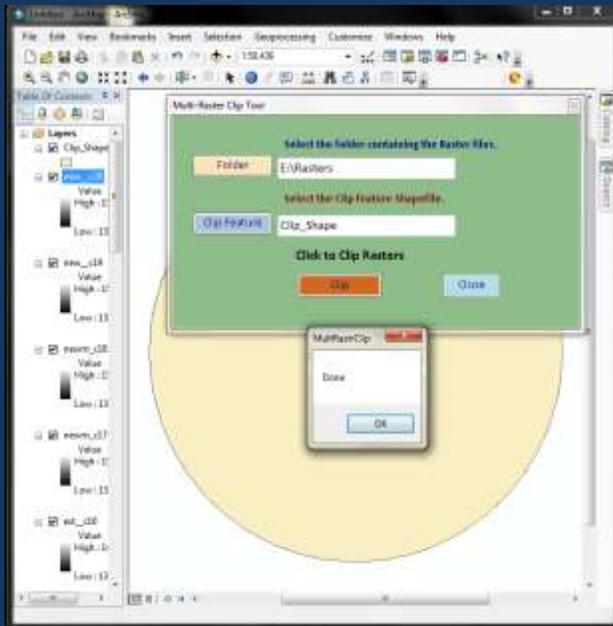
CLIP!

The tool will then clip each raster in the folder and create an output raster with the first 4 letters of the original file + "_c" and the number given to the file from the loop structure.

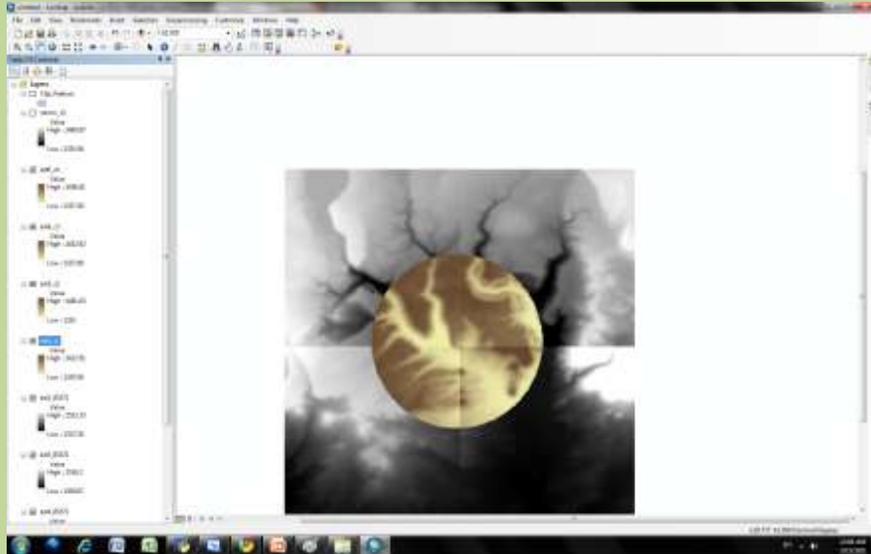
MRC -Tool



MRC -Tool



MRC -Tool



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Acknowledgements:

I am going to admit that I could not have done this without the incredible help of Geoffrey Duh and Lesley Bross.

This tool was inspired by a similar tool that was created with VBA a now dead language:

NONE OF THAT CODE SURVIVED - R.I.P



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THANK YOU

ANY QUESTIONS?

COMMENTS?

DONATIONS \$\$\$\$