

Multi-Bands Raster Clipper V1.1 User Guide

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Before uses this programs

This Program was written by using VB 6.0. It is only for ArcGIS Desktop 9.X. Before you use this program, you must have ESRI's Spatial Analyst Extension.

The Main Function includes:

[Clip Multi-Bands Raster](#) By

1.[Rectangle.](#)

2.[Polygon.](#)

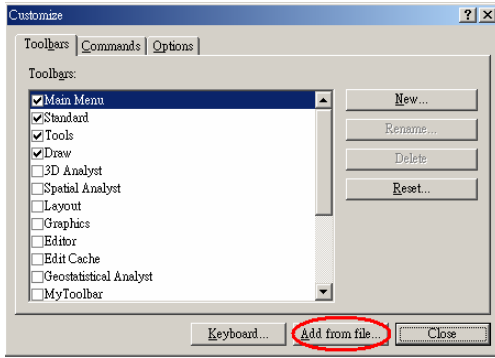
3.[Select shape of the feature layer .](#)

4. [Inpute boundary rectangle coordinates.](#)

The input raster could be all format that ArcMap support.

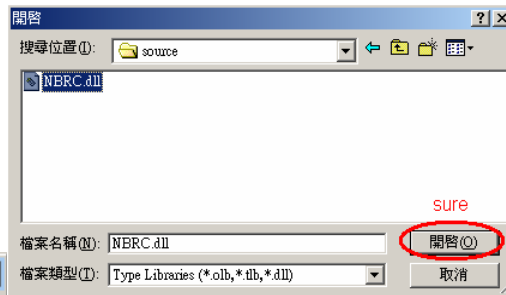
This function can only write out GRID, TIFF, and Imagine format rasters.

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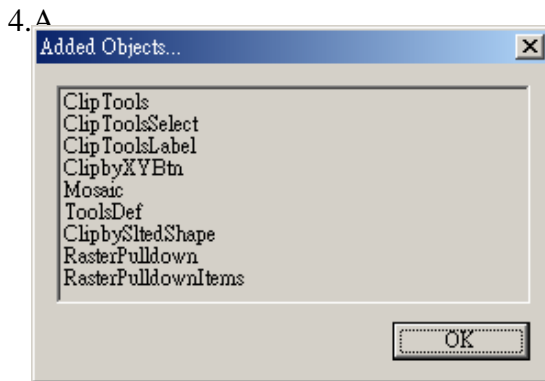
Install

1. In the ArcMap. Double click the empty area of Tools Toolbar to open the Dialog “Customize”.
2. In the Dialog “Customize”, Click the “Add From File...” to open the Dialog “Open”, select the file “NBRC.dll” and click “



ure” to import this program.

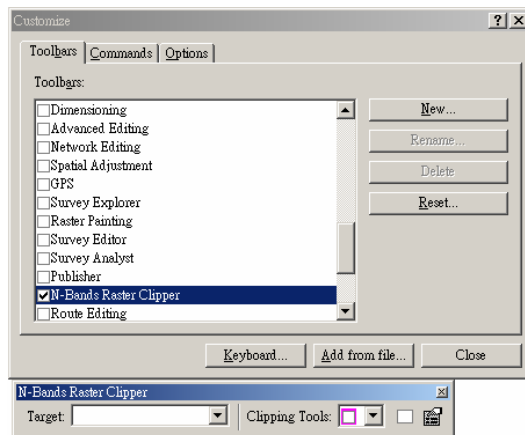
3. You can see the “Added Objects...” window. And Click “OK” in this window. There have four objects be added.



ter that, you could see the new check box “N-Bands Raster Clipper” is added into the Dialog “Customize”.

5. Click the check box “N-Bands Raster Clipper” on the Dialog “Customize”, then the Tools- “N-Bands Raster Clipper” is installed into the ArcMap.

6. There are one Combo Box, one Tool Combo Box, one Tool and one button on “N-Bands Raster Clipper”.



1. Target: outl.img This is a Combo Box that can let you select the raster layer to clip.

2. Clipping Tools: This is a Tool Combo Box that can select a tool to clip the target Raster layer.

3. This is a tool that can show the select result of Tool Combo Box. You can clip the target raster layer after click this tool.

4. This is a button by input

boundary rectangle coordinates.

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Detailed Function & It's Operation



After [install](#) this programs into ArcMap. In the View Window you could see “**N-Bands Raster Clipper**” tool bar.

Clip Multi-Bands Raster

In this function you could **Clip Multi-Bands Raster** by

[A.Rectangle.](#) 

[B.Polygon.](#) 

[C.Select shape of the feature layer.](#) 

[D.Inpute boundary rectangle coordinates.](#) 

Before clip raster layer (using A, B, C method), you must follow the steps below:

1.Select Target layer on **Target Combo Box.** 

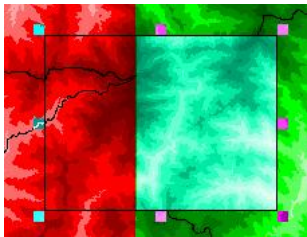
2.Select Tool on **Tool Combo Box.** 

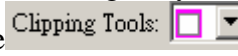
The main 4 methods are introduced below:

A. Clip Multi-Bands Raster by Drawing Rectangle on the display.

a. Introduction:

This function can Clip Multi-Bands Raster by drawing Rectangle .To do this, you can just select Target layer then Select



Rectangle  tool.

b. Operation:

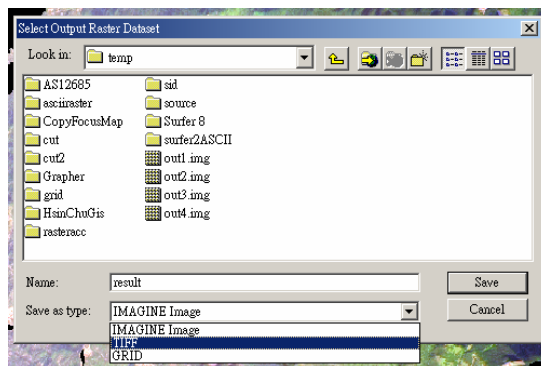
i. After press this tool, the cursor's type is change to “CrossHair”, then you can draw a Rectangle on the display (right picture).

ii. After drawing a Rectangle on the display.

You can see the window—“Select Output Raster Dataset” appears. Then, input the output file name raster you want in this window then press “Save”.

iii. You can get the Extracted one now.

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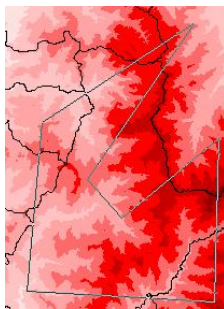


of

B. Clip Multi-Bands Raster by Drawing Polygon on the display.

a. Introduction:

This function can Clip Multi-Bands Raster by drawing Polygon .To do this, you can just select Target layer then Select



Polygon  tool.

b. Operation:

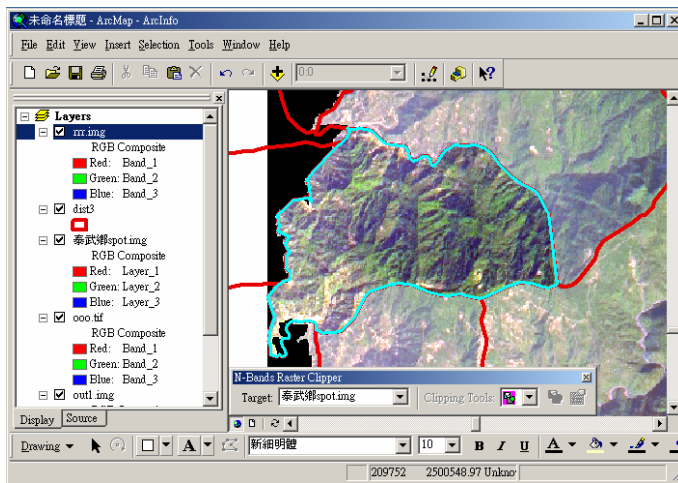
- i. After press this tool, the cursor's type is change to “Crosshair”, then you can draw a polygon on the display (right picture). And Double Click to finish polygon.
- ii. After drawing a polygon on the display. You can see the window—“Select Output Raster Dataset” appears. Then, input the output file name of raster you want in this window then press “Save”.
- iii. You can get the Extracted raster now.

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C. Clip Multi-Bands Raster by the selected shape of the feature layer

a. Introduction:

This function can clip Multi-Bands Raster by the selected shape of the feature layer .To do this, you can select “selection  tool”.



b. Operation:

- i. After select “selection tool”, you could select feature of the feature layer on the display.
- ii. After selected feature, you can see the window—“Select Output Raster Dataset” appears. Then, input the output file name of raster you want in this window then press


“Save”.

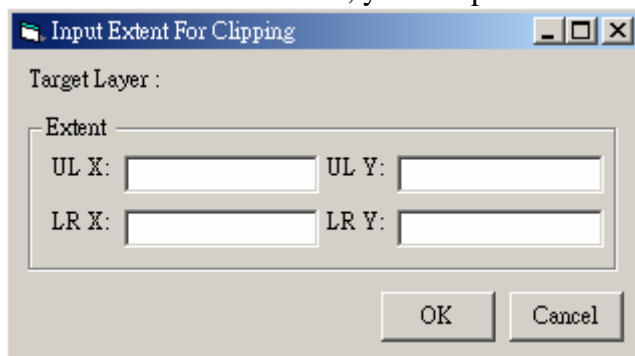
- iii. You can get the Extracted raster now.

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D. Clip Multi-Bands Raster by [Inputted boundary rectangle coordinates](#)

a. Introduction:

This function can clip multi-bands raster by [Inputted boundary rectangle coordinates](#) .To do this, you can press  button in the Tool Bar.



b. Operation:

- i. After press  button, you can see the input window.
- ii. In this window you can input boundary rectangle coordinate. Then press “OK”.
- iii. You can see the

window—“Select Output Raster Dataset” appears. Then, input the output file name of raster you want in this window then press “Save”.

iv. You can get the Extracted raster now.

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Uninstall

1. Open the folder that contains “**NBRC.dll**”.

2. Select the program file “**NBRC.dll**”, and then click the “Right Button” of the mouse. The pop-up menu appears.

Select the “UnRegister”, and then you can uninstall the program entirely.

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Update & Note

1. The author of this program is Min-Lang Huang.

2. Email: yoshihuang@kh.hitrontech.com

3. Any copy or use will welcome.

4. Any suggest will appreciate.

5. If there have any problems please contact author.

6. Date: May 17, 2004.

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