


## Clipping a Raster in ArcMap

Requires Spatial Analyst Extension

Procedure:

To use this procedure a masking dataset (a "clipper") that covers the area to be clipped is required. The dataset may be a raster or a polygon feature class (shapefile) and should be in the same coordinate system as the raster being clipped.

1. Add the raster to be clipped to ArcMap.
2. Add the masking dataset (clipper) to ArcMap.
3. Navigate to Spatial Analyst > Options.
4. On the General tab set the Working Directory.  
 The path to the Working Directory should not have any spaces, so make sure that any spaces are filled with underscores.
5. On the General tab set the Analysis Mask to the masking dataset.
6. On the Extent tab set the extent to the masking dataset.
7. On the Cell Size tab set the cell size to the Maximum of Inputs.
8. Click OK.
9. Navigate to Spatial Analyst > Raster Calculator.
10. Double-click on the name of the raster that you want clipped in the Layers list. This will put the raster into the expression box below.
11. Click Evaluate. A new calculation layer will be added to ArcMap's Table of Contents. This is your clipped raster.