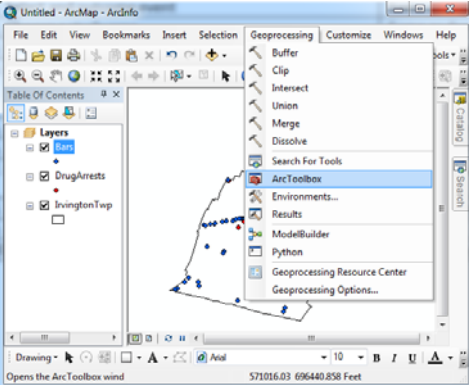
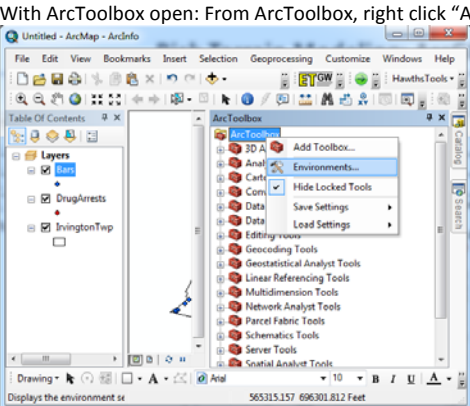
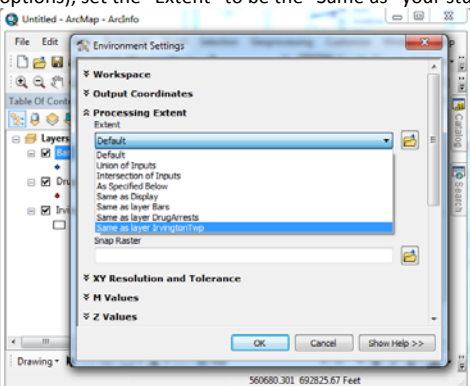
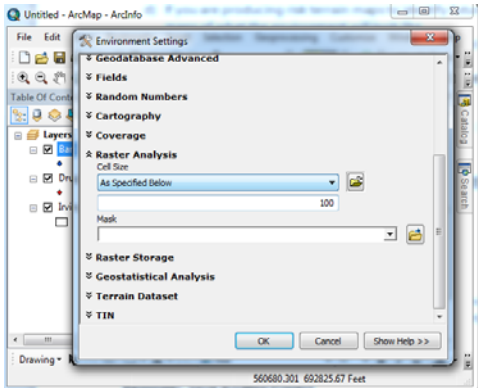
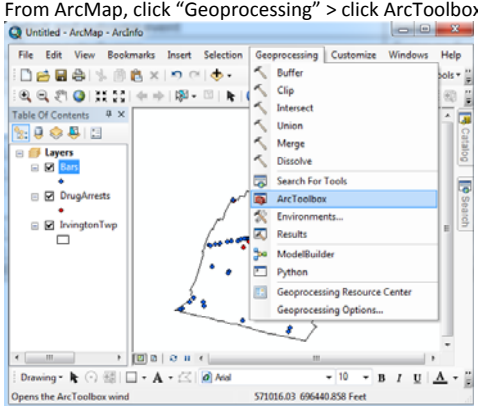
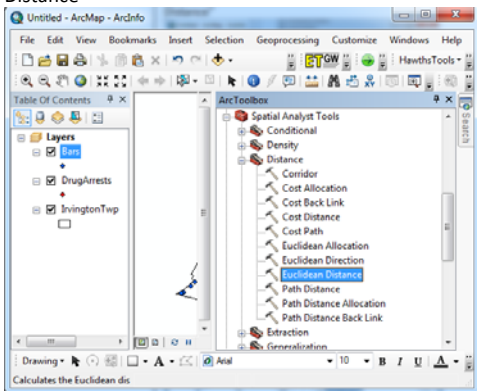


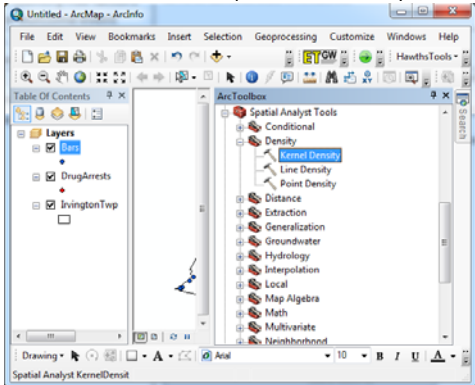
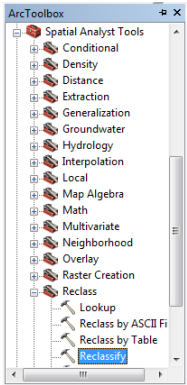
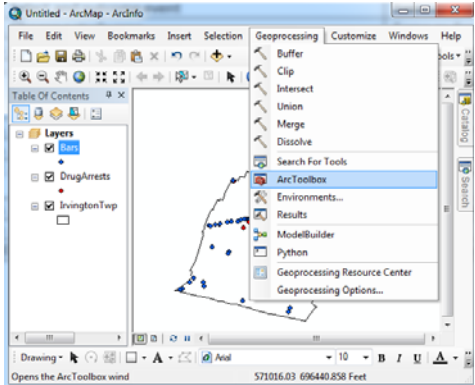
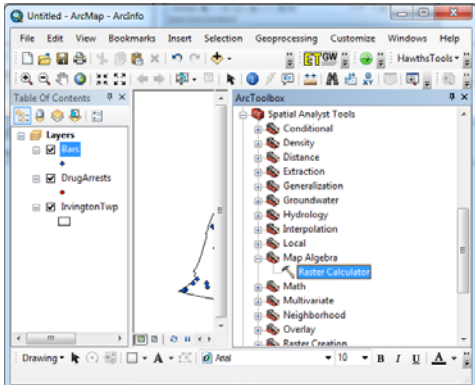
Risk Terrain Modeling: ArcGIS 9.3 vs. 10

RTM Step	What to do in ArcGIS 10
1. Select and outcome event	Same as demonstrated in ArcGIS 9.3
2. Choose a study area	Same as demonstrated in ArcGIS 9.3
3. Choose a time period	Same as demonstrated in ArcGIS 9.3
4. Obtain base maps	<p>The Spatial Analyst Extension must be installed and activated first.</p> <p>To set the Analysis Extent</p> <p>From ArcMap, click “Geoprocessing” > click ArcToolbox</p>  <p>With ArcToolbox open: From ArcToolbox, right click “ArcToolbox” > click “Environments...”</p>  <p>With the Environment Settings dialog window open: From “Processing Extent” section (click to drop down options), set the “Extent” to be the “Same as” your study area layer. Click “OK” button to finish.</p> 



RTM Step	What to do in ArcGIS 10
Step 4 (continued)	<p>To set the default Cell Size</p> <p>Begin from within the Environment Settings dialog window (See procedure above). Then: From “Raster Analysis” section (click to drop down options), set the “Cell Size” to be “As Specified Below” > type the numerical value of the desired cell size in the text box. Click “OK” button to finish.</p> 
5. Identify risk factors	Same as demonstrated in ArcGIS 9.3
6. Select risk factors	Same as demonstrated in ArcGIS 9.3 (But see Step 7)
7. Operationalize risk factors	<p>The Spatial Analyst Extension must be installed and activated first.</p> <p>To operationalize Distance From (Use the Euclidean Distance tool)</p> <p>From ArcMap, click “Geoprocessing” > click ArcToolbox</p>  <p>With ArcToolbox open: From “Spatial Analyst Tools” > “Distance” toolbox > double-click to open “Euclidean Distance”</p> 



RTM Step	What to do in ArcGIS 10
Step 7 (continued)	<p>To operationalize Density From (Use the <i>Kernel Density</i> tool)</p> <p>Begin from within ArcToolbox (See procedure above). Then: From “Spatial Analyst Tools” > “Density” toolbox > double-click to open “Kernel Density”</p>   <p>To reclassify symbolized risk map layers (Use the <i>Reclassify</i> tool)</p> <p>Begin from within ArcToolbox (See procedure above). Then: From “Spatial Analyst Tools” > “Reclass” toolbox > double-click to open “Reclassify”</p>
8. Weight risk map layers	Same as demonstrated in ArcGIS 9.3
9. Combine risk map layers	<p>The Spatial Analyst Extension must be installed and activated first.</p> <p>From ArcMap, click “Geoprocessing” > click ArcToolbox</p>  <p>With ArcToolbox open: From “Spatial Analyst Tools” > “Map Algebra” toolbox > double-click to open “Raster Calculator”</p> 
10. Finalize risk terrain map	Options vary

