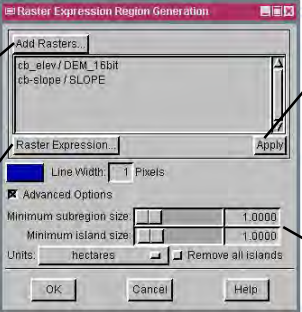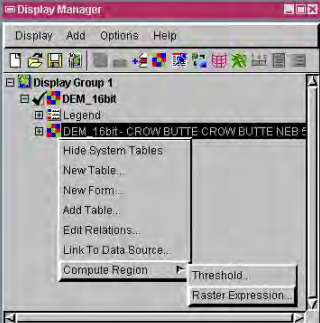# Create Regions Using Raster Expressions

DID YOU KNOW . . . *you can compute regions using raster cell values selected by a query?*

What Creating Regions Using Raster Expressions Gives You
- *Use raster objects to generate regions*
- *Use query to select the raster cell values for region*
- *Set minimum subregion and island size*
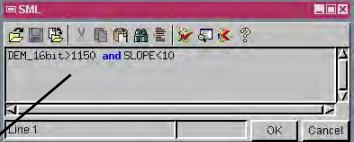- *Preview the region generated before adding to GeoToolbox*

Click to select additional raster object(s) to use in the raster expression.
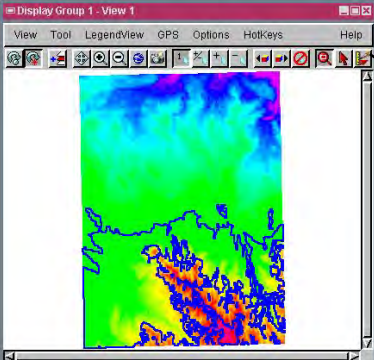
Click to open SML window.

The Apply button lets you preview the region.

The Advanced Options panel lets you set minimum subregion and island size.

Enter a query to find the cells that satisfy the selection criteria.

The raster expression region shown at the right delimits areas where the slope is less than 10 % and the elevation is greater than 1150 meters.

GeoToolbox icon

How to Create Regions Using Raster Expressions
- *Add a grayscale raster object and click on the + to show the raster details.*
- *Right-click on the raster name or icon.*
- *Choose Compute Region/Raster Expression from the menu that opens.*
- *Click on the Add button to select additional raster objects for query.*
- *Click the Raster Expression button to open the SML window.*
- *Enter a query to select the desired raster cell values.*
- *Click on the Apply button to preview the temporary region.*
- *Click on OK to generate the region and save it using GeoToolbox.*

WANT TO KNOW MORE?

Search the information available on

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