

Creating New Objects Using GeoFormulas

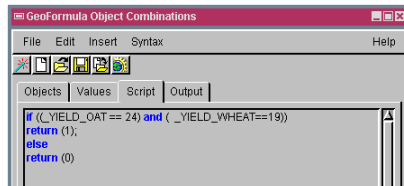
DID YOU KNOW . . . you can create new raster objects using the GeoFormula process to compute cell values from the attributes of geospatial input object(s)?

What Creating New Objects Using GeoFormulas Gives You

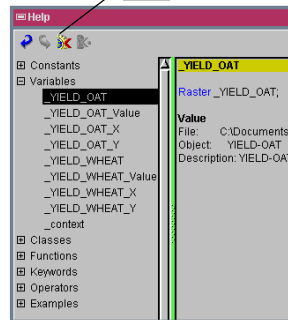
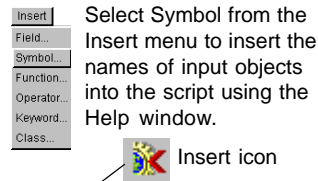
- Generate a new raster object from multiple input objects
- Compute new cell values using an SML script
- Set raster type, projection, extents, cell size, and raster size for the output



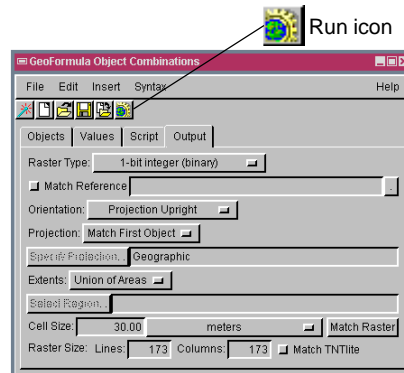
When you toggle on this button at startup, you are prompted to select input objects.



Enter a script to compute cell values of the output raster using the attributes of input objects. In the illustration above, two input raster objects were used.



The illustration above shows the Variables entry expanded for the list of input objects along with the other variables. Select the raster name and click on the Insert icon to insert the selected name into the script.



The Output tabbed panel lets you set parameters for output raster type, projection, extents, and cell size or raster size. Make sure to select the appropriate Raster Type to cover the whole range of values generated by the script.

How to Create New Objects Using GeoFormulas

- Select Script/GeoFormula from the menubar.
- In the GeoFormula window that opens, toggle on Create new formula using dialog button and click on OK.
- Select input object(s) to process when prompted.
- Click on the Script panel and enter an SML script.
- Click on the Output panel and select data type for the output raster.
- Click on the Run icon and save output raster.

WANT TO KNOW MORE?

See the tutorial booklet:

Using Geospatial Formulas

