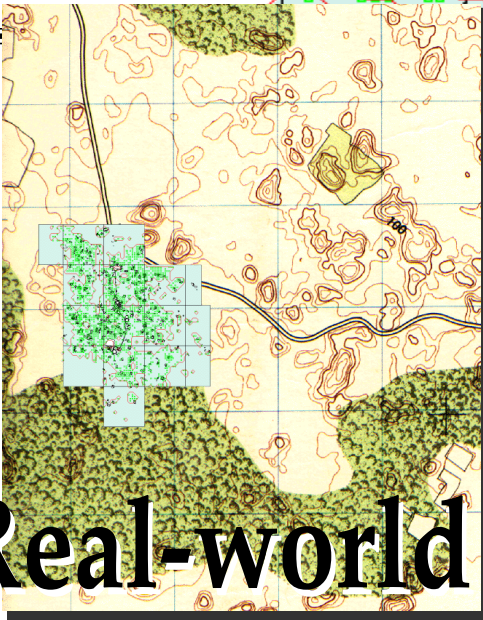


Artifact distribution
map from Mayan
Archaeological site

Polygons fit to
artifact locations by
Fourier estimation

Bob -
good home
range tool.

Spatial Analysis



Real-world Spatial Analysis

If you do real-world spatial analysis in the physical or natural sciences, you need a system that quickly provides the area defined by a swarm of observation events: whether animal activity sightings, artifact distributions, mineral type core samples, or abnormal cell colonies on medical slides. The Map and Image Processing System (TNTmips™) from MicroImages, Inc. includes flexible processes for identifying the "home range" from the spatial distribution of any collection of points. You can then combine the home range result with other project materials, overlaying home range polygons on base imagery, and intersecting the home range with other CAD and vector layers in TNTmips for more complex "why

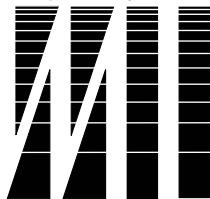
here" GIS analysis.

TNTmips provides the Minimum Polygon method, the Harmonic Mean method, a Fourier Estimation method, and others, for fitting home range polygons around the observation points. You can adjust control parameters to have the polygons drawn closer to, or farther from the points, and increase or decrease the effect of lone-point "outliers." View the result immediately on the screen, and then adjust the parameters, or select an alternative method. You can study several different polygon representations as TNTmips displays various "contours of probability" surrounding your point data.

Other systems may do spatial analy-

sis, but no other system makes it as easy to combine your results with other raster, vector, CAD, and database materials. TNTmips provides full map layout and color printing support, and offers seamless cross-platform support: PC's, Macintoshes, and Unix workstations. TNTmips fits into your shop, no matter what kind of computers you already have.

Spatial analysis. Another good reason to check out the unique power of TNTmips, the **Map and Image Processing System** from **MicroImages, Inc.** It's the one system you need for the visualization and analysis of your multiple-layer, multiple-source raster, vector, CAD, and database materials. **Fax (402)477-9559 or write for your information kit today.**



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