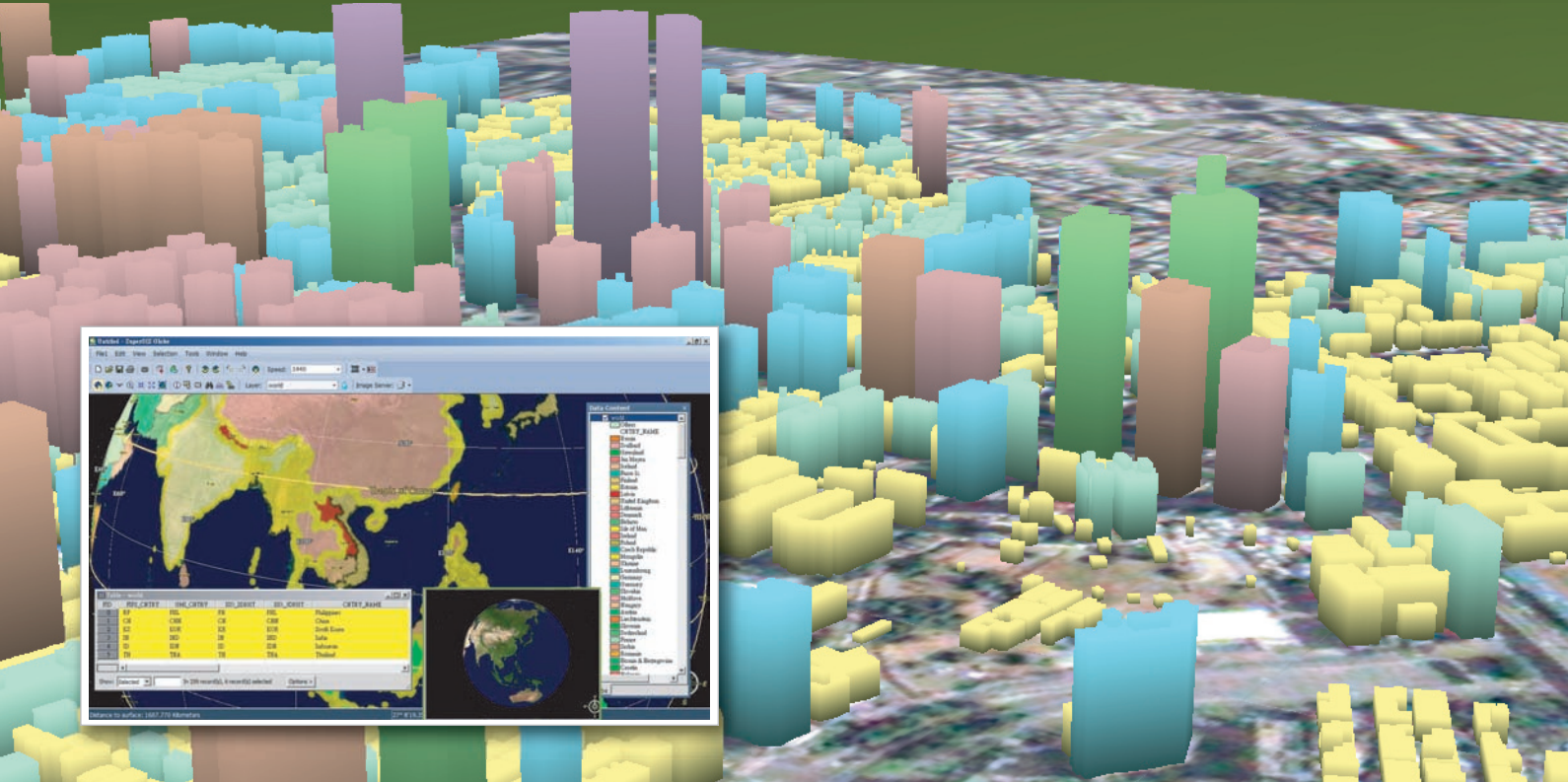
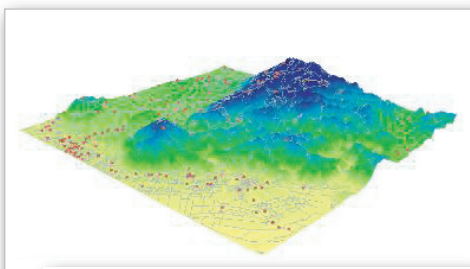


SuperGIS 3D Analyst 3



SuperGIS 3D Analyst 3 provides a variety of 3D visualization and surface analysis tools, enabling you to input image, vector or elevation data to analyze surface change, query data, estimate the visible range of a specific point, draw cross section charts, and calculate surface area, length, and volume.

Using the SuperGIS 3D Analysis tools, GIS experts and city planners can visualize, edit, model, calculate, and analyze geospatial data in three dimensions and create perspective by overlaying image data, vector data, and surface data, consequently facilitating the development, management, and analysis of 3D data.



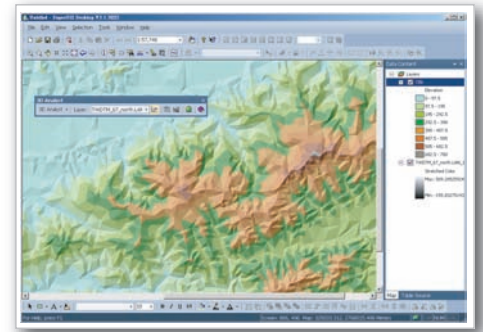
Key Features of SuperGIS 3D Analyst 3

- Utilize SuperGIS Globe to operate, browse, and query data based on the dynamic earth model.
- Visualize and analyze geographic data and simulate the impact in the real world.
- Construct 3D surface models by inputting DTM (Digital Terrain Model) values.
- Use Image Classification Segment function to obtain high-resolution surface model when zooming to a specific area.
- Understand surface structures with flight simulation tool and easily save video animations as AVI format.

SuperGIS 3D Analyst 3 performs the following functions

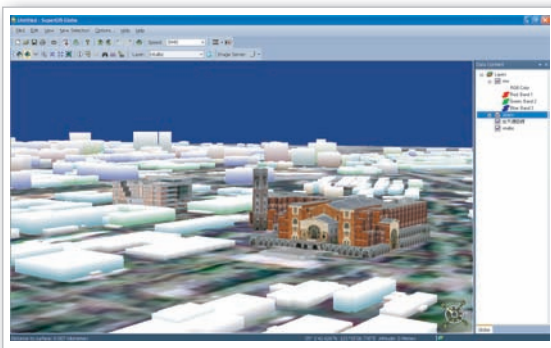
3D Analysis

- Create Triangular Irregular Network (TIN) data from vector or raster data.
- Employ Interpolation and sample point data to estimate the value for a continuous surface.
- Perform Viewshed, Slope, Aspect, Curvature, Contour, Cut/Fill, Hillshade, Cross Section, and Steepest Path analyses.
- Calculate surface length, surface spot, and surface volume.
- Perform Reclassify function to easily reclassify image data.
- Adjust the cell size, extent, and settings of the mask for each exported raster layer.



3D Display

- View and retrieve information on elevation, azimuth, and tilt angle of current viewpoints, etc.
- Access spatial data with different effects by altering hillshade angle and adjust transparency of layers.
- Freely change the exaggeration level of 3D elevation values and adjust elevation data individually for each layer.
- Determine surface distances with the measuring tools.
- Extrude the planar spatial object to three dimensions by applying attribute data.
- Apply LOD (Level of Detail) technology to display 3D model or image based on the diverse resolution on different scales or the display order of objects at different distances.



Applications

- Topography
- Natural Resources
- Urban Planning
- Architecture Engineering
- Social Security
- Disaster Prevention and Rescue
- Science Research Applications

► Supported File Formats

- > Support GEO and SHP formats
- > Support BMP, JPG, PNG, SID, ECW, LAN, and GEOTIFF formats
- > Support 3D model files in X, 3DS, and KMZ (Google Earth)

► System Requirement

- > Windows 2000/XP/2003/Vista/2008/7 (32/64 bit)
- > Video card: 3D-capable with 32MB of VRAM

