

3D Analyst—Feature and Volumetric Analysis ●

Track: Analysis and Geoprocessing

Wednesday, July 14 • 3:15 pm–4:30 pm • Room 1 A/B

Presenter(s): Jinwu Ma, Gert van Maren

High-quality 3D data visualization is mainstream now thanks to Google Earth and Bing Maps (Virtual Earth). Users expect to see geospatial data in 3D. However, 3D GIS users are now beginning to move beyond just visualization and need to do true 3D analyses, solving problems that can't be solved in 2D. ArcGIS 3D Analyst offers a range of 3D vector analysis tools enabling users to solve these 3D problems.

In this session, we will present these new 3D vector analysis capabilities in the context of real 3D problems. We'll show how the new GP tools can be used for volumetric shadow analysis, threat dome analysis, creation of cross sections, determination of maximum building heights, and so forth.