



**TIPS**  
Technical Innovation  
and Professional  
Services

# 3D ANALYST



<http://www.tips.osmre.gov/Software/gis/GIS.shtml>

ArcGIS 3D Analyst can be used to create and analyze three dimensional surfaces from multiple views. This tool utilizes both vector and raster data and often does so by draping the data over 3D surfaces in order to provide a realistic and measurable perspective.

### SELECTED FEATURES:

- Analyze terrain from various viewpoints
- Site selection and probable resource location
- Easy dissemination of 3D views to the non-GIS user
- Calculate volumes and examine subsurface structures
- 3D Viewshed analysis

### SOFTWARE:

ArcGIS 3D Analyst

### SMCRA BENEFITS/USES:

- The ability to model, analyze and measure sub-surface mining features
- Identify and study surface topography
- Analyze post-mining surface reclamation activities
- Analyze impacts of blasting

### TIPS TRAINING CLASSES:

- Introduction to ArcGIS for Mining and Reclamation
- ArcGIS Spatial Analyst for Mining and Reclamation

### NEED HELP ????

Contact: Janine Ferarese

[jferarese@osmre.gov](mailto:jferarese@osmre.gov)

