

SuperMap 3D Analysis

SuperMap Software Co., Ltd.

3D Analysis

Isoline Analysis

Slope and Aspect Analysis

Flood Analysis

Visibility Analysis

Viewshed Analysis

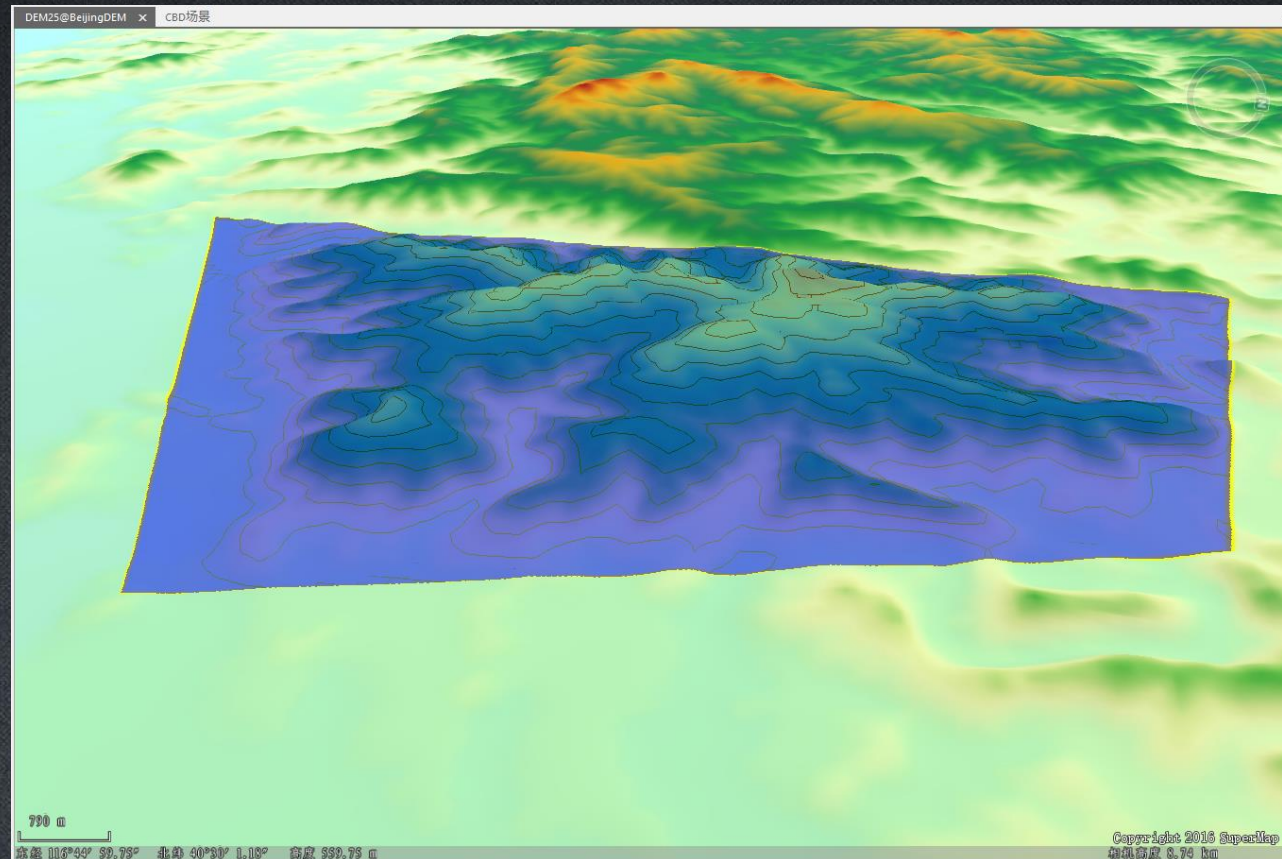
Sunlight Analysis

Profile Analysis

Skyline Analysis

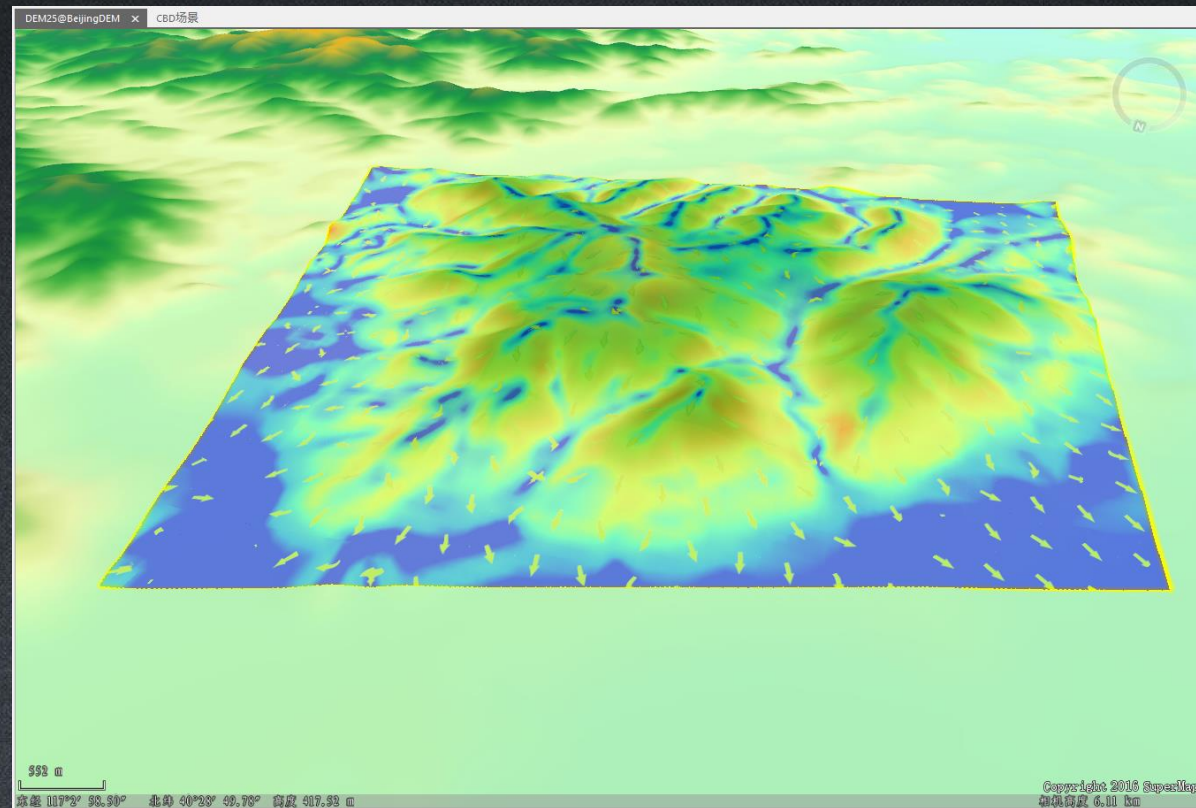
Isoline Analysis

- Isoline is the mostly-commonly used method to represent a surface on a map.



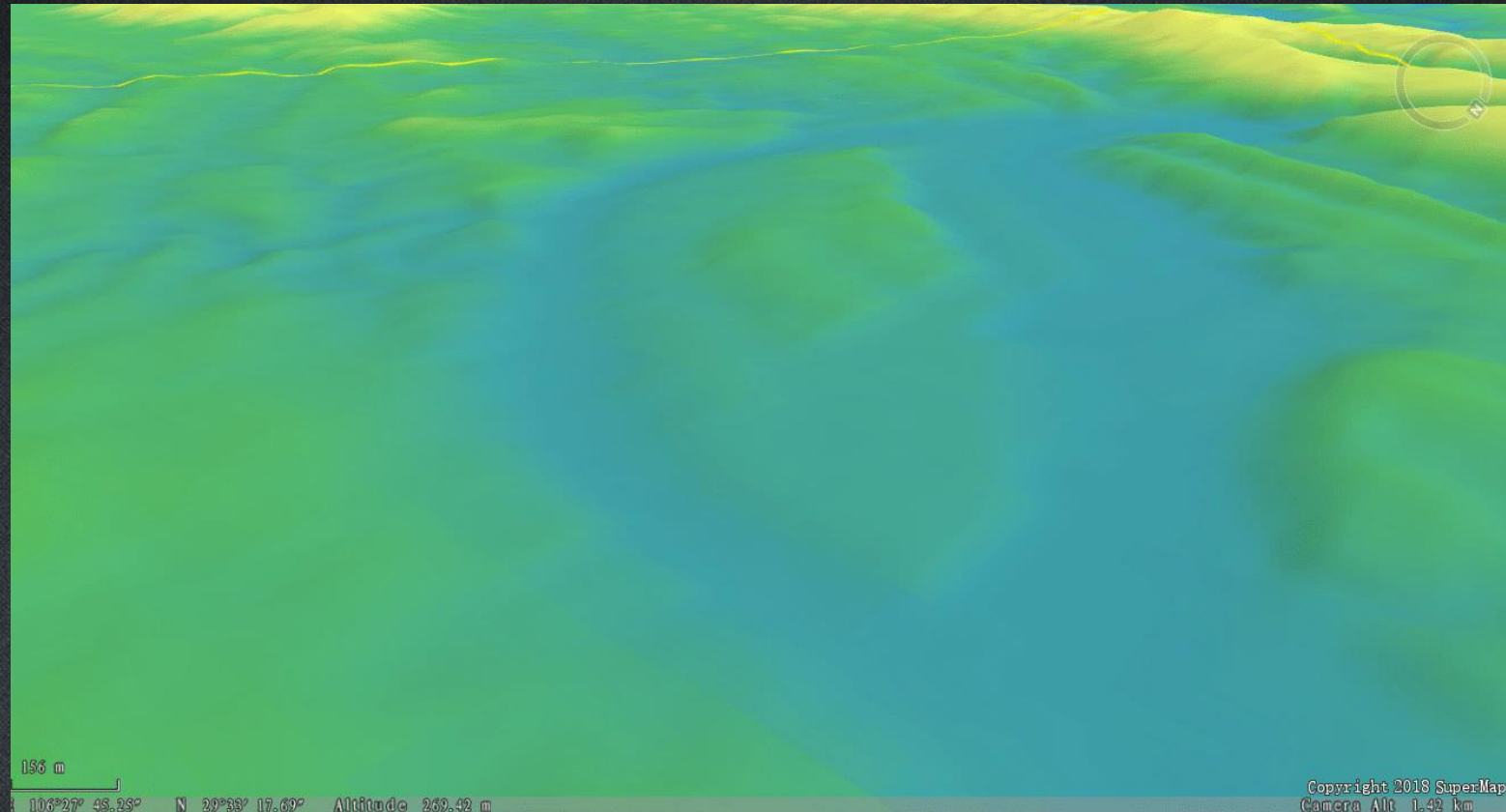
Slope and Aspect Analysis

- Slope is the gradient (steepness) of a unit of terrain. The aspect identifies the downslope direction of the maximum rate of change in value from each cell to its neighbors.



Flood Analysis

- Used to simulate the flooding process over a duration of time with the specified speed and within the maximum/minimum elevations.



Visibility Analysis

- Often used in 3D analysis, this function is used to determine whether certain locations in a 3D scene are visible to the observer location.



Viewshed Analysis

- This function is used to identify all the visible and invisible ranges in the analysis area of a scene.



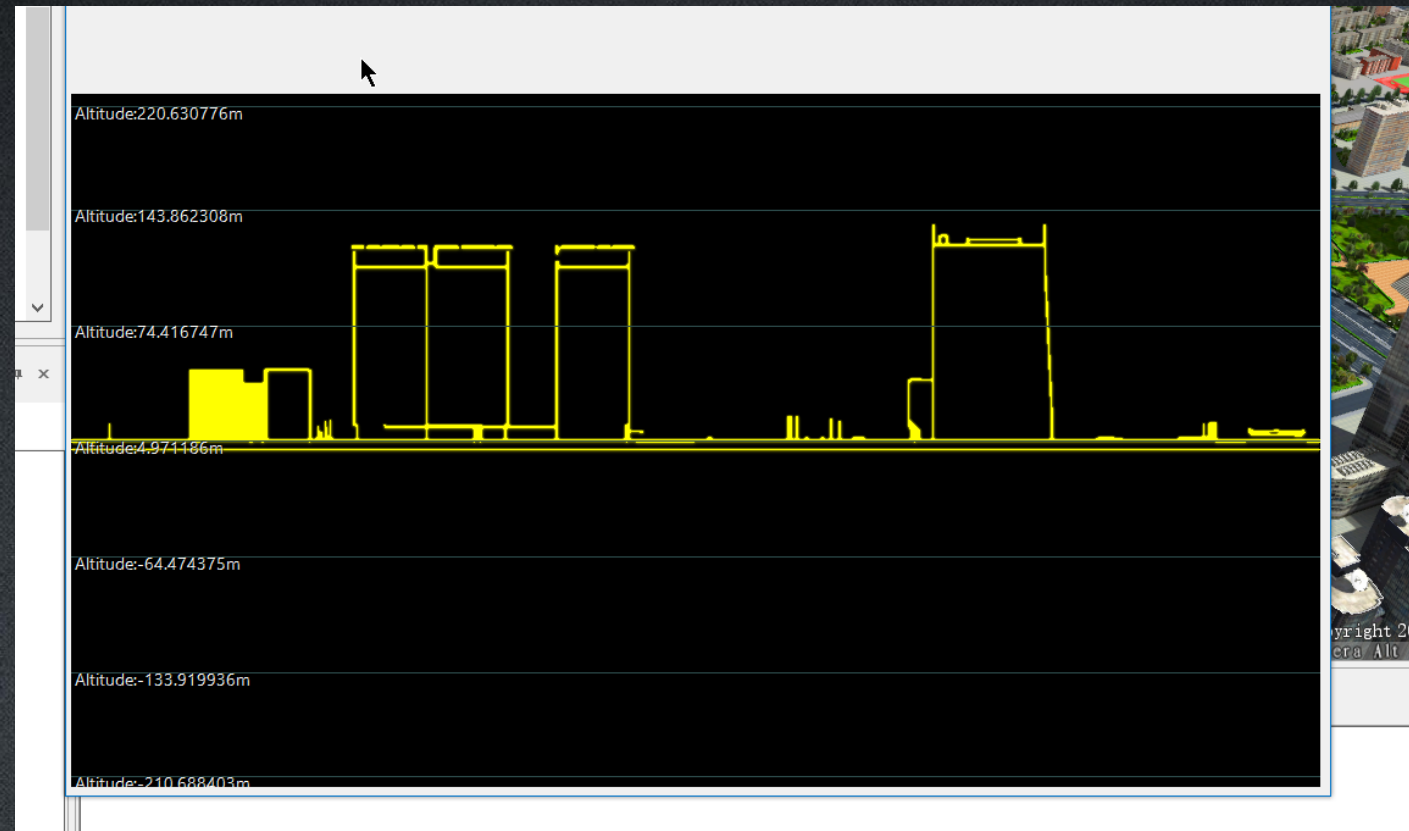
Sunlight Analysis

- This analysis is used to calculate the duration of sunlight in a period of time within an extent defined by longitude and latitude.



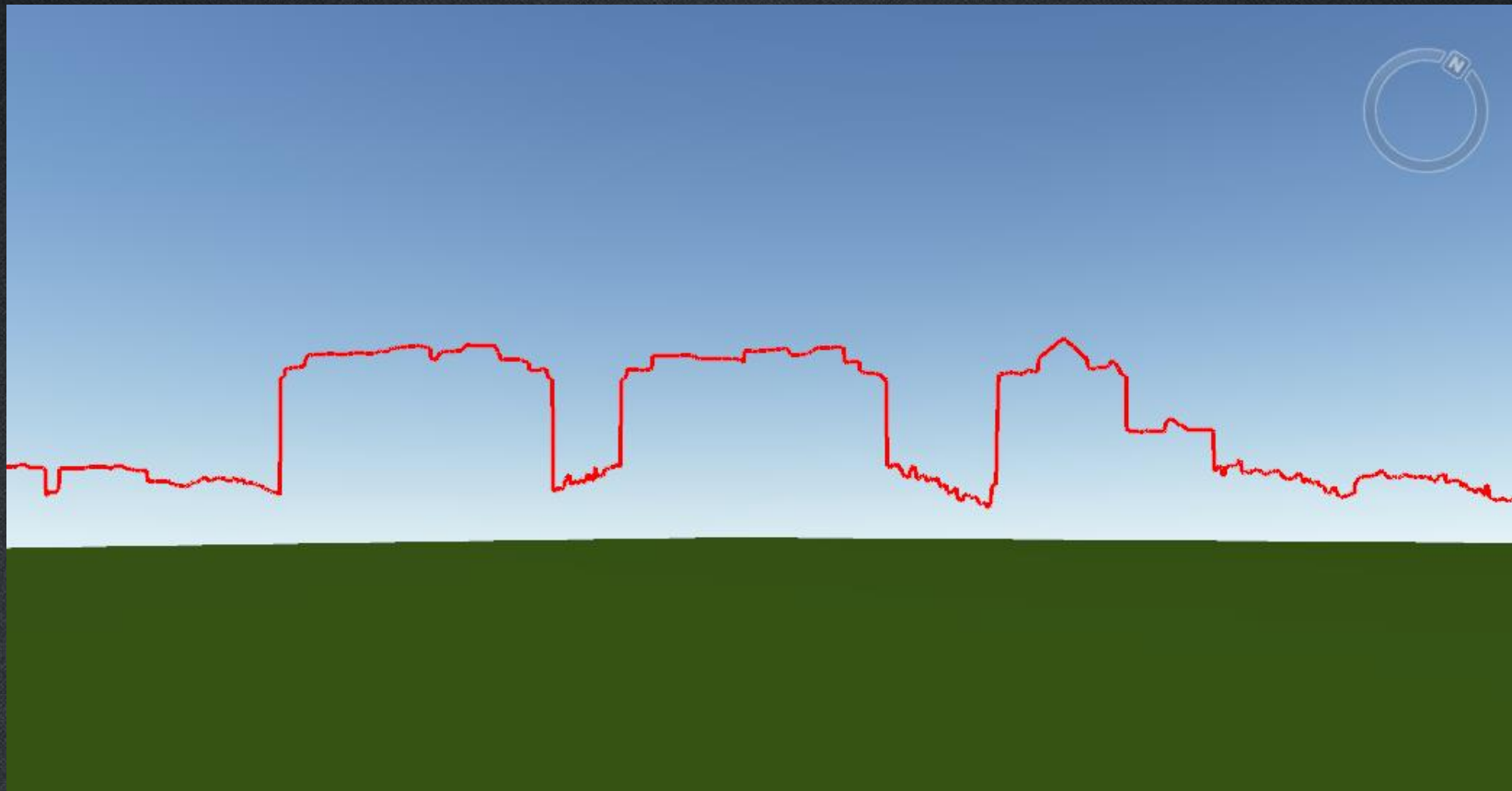
Profile Analysis

- Profile shows the change of elevation along the line (section).



Skyline Analysis

- This function will allow the generation of the boundary between the building tops and the sky from the observer point.



Thank You!

Website: www.supermap.com

Email: globalsupport@supermap.com

Skype: [supermapsupport](#)

MSN: [globalsupport@supermap.com](#)