SPUTNIK GIS

GEOSCAN

SPUTNIK GIS

Professional drone surveying software for engineers, surveyors and urban planner.

Visualize and analyze multidimensional spatial data with no limits on data size, create surveys and get insights from your drone data in height performance GIS solution.

MEASUREMENTS

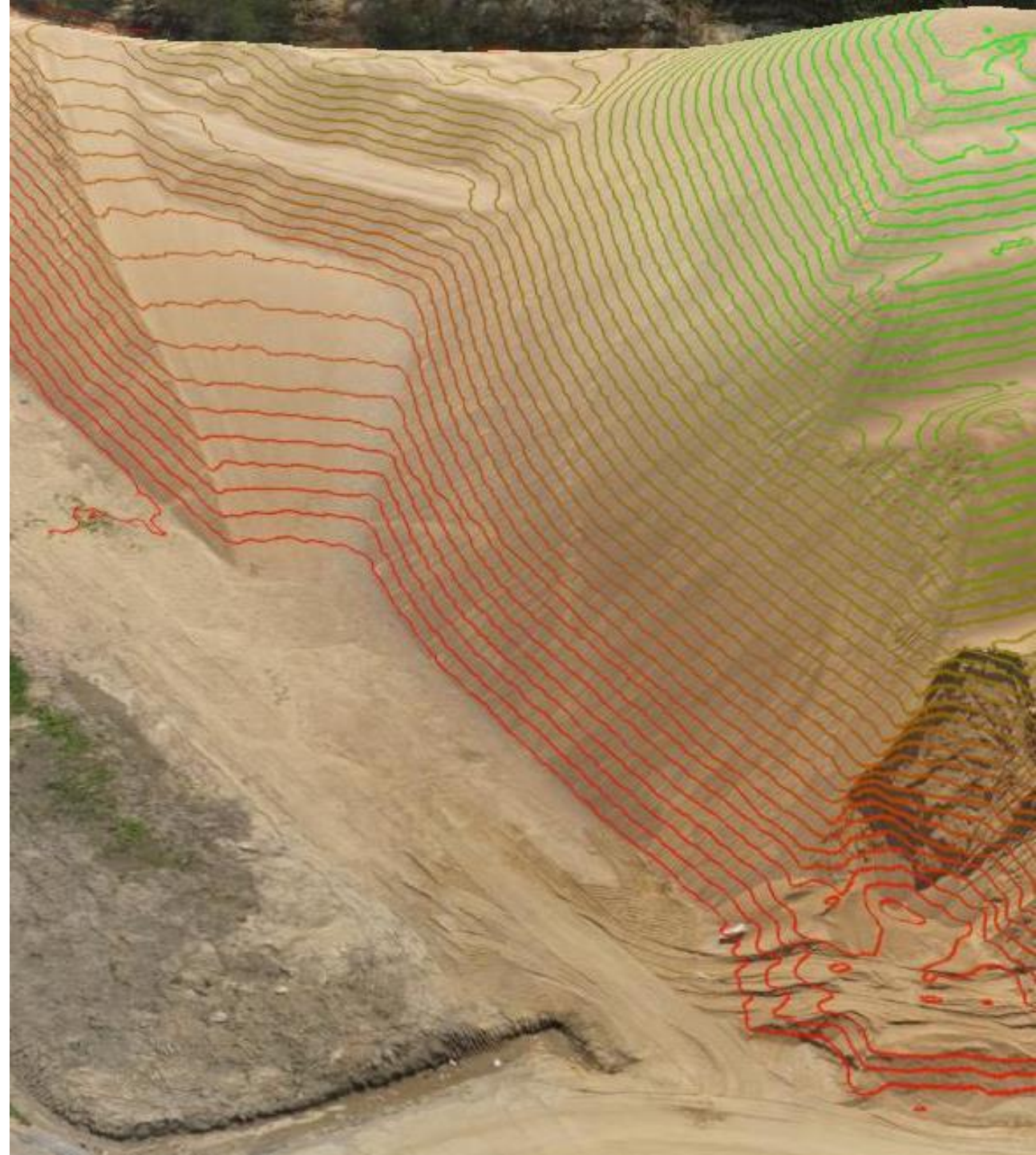Measure shortest distances and distances by surface. Calculate areas on plane or on surface.

VOLUMES

Calculate stock an pile volumes from automatically generated reference surface or from given level.

Calculate volume difference between two elevation models. Detect zone of changes between two elevation models.

CONTOUR LINES

Calculate contour lines, export results as *.dxf or *.shp.

GENERATING SECTIONS

Generate sections, cross sections and section comparing. Analyze elevation dynamics. Export results to *.csv or *.dxf.

PRESENTATION

- Make high resolution screenshots.

- Animate moving of 3D models with tracks.

- Create animated tours for your presentations. Combine it with animated tracks and render high resolution animated videos.

Visibility area

MODELING

- Model daylight conditions for given location at given time.

- Model observation points from given locations.

- Model visibility area from given point. Analyze observations areas and blind areas. Export results as *.geotiff.

- Mask parts of *.tls model to analyze the situation. Export part of *.tls model in *.obj, *.3ds or *.dae to share it
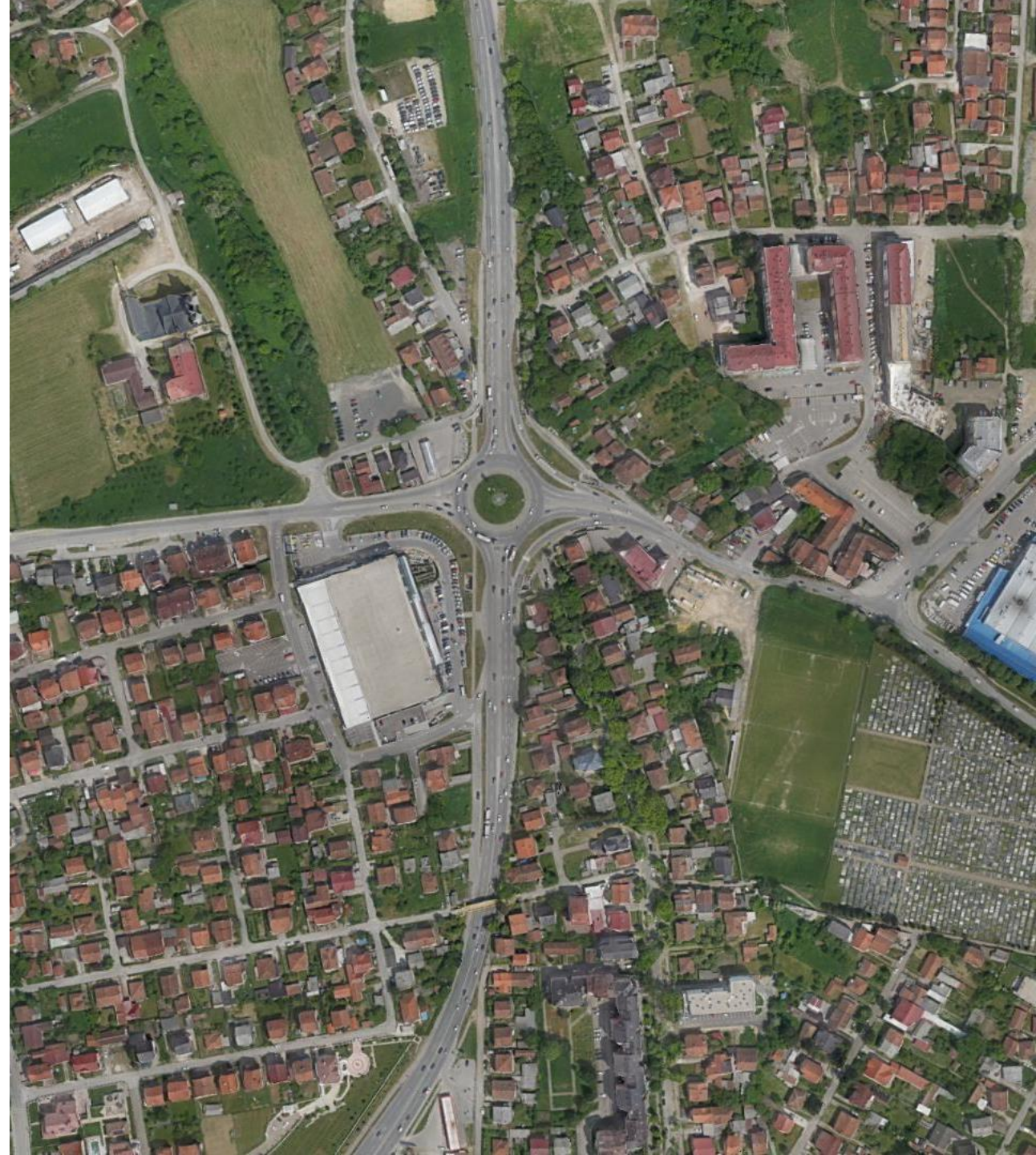
CONSTRUCTION AND MINING

Analyze a digital copy of a construction or mining project.

Perform accurate measurements, control the amount of excavation, build profiles and contours, prepare as-built documentation.

URBAN DEVELOPMENT AND LAND PLANNING

Work with a 3D model of the city. Carry out accurate measurements, estimate insolation, calculate the visibility of objects of urban development, analyze design solutions in a digital copy of the territory.

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