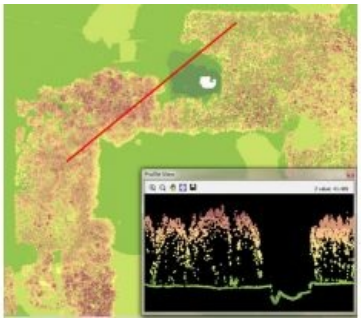
Adding Lidar Data to a GIS Platform



By enabling the rapid collection of massive amounts of data from the Earth's surface, Lidar technology has dramatically changed the geospatial industry. Lidar data can record much detailed information, such as the elevation, the spectrum and the category of an object, offering high-precision data for diverse applications. Today, Lidar technology is being widely used in fields like forest management, shoreline change analysis, disaster management and pollution simulation. The current SuperGIS Desktop series has already helped numerous users to display Lidar data, both in 2D and 3D environments.

As Lidar application continues to gain popularity, Supergeo will provide more Lidar tools for users in SuperGIS Desktop 10. With these tools, users can identify the RGB value, the elevation value, and classification value, while at the same time to exclude unnecessary information with filtering tools. For example, to observe the topography more clearly, users can purify the data by removing the data from the canopy while retaining the data from the surface. Apart from displaying Lidar data, it is also possible also manipulate these data, such as filtering and exporting required data, splitting and merging data, or converting Lidar data into raster or vector data. Furthermore, users can use the built-in spatial analysis of SuperGIS Desktop to find more values in the processed data.

After elevating the broadness of Lidar application on a GIS platform, Supergeo will continuously strengthen Lidar application in the 3D environment and develop further spatial analysis methods, enabling users to make better decisions.

For more information see here.

https://www.gim-international.com/content/news/adding-lidar-data-to-your-gis-platform