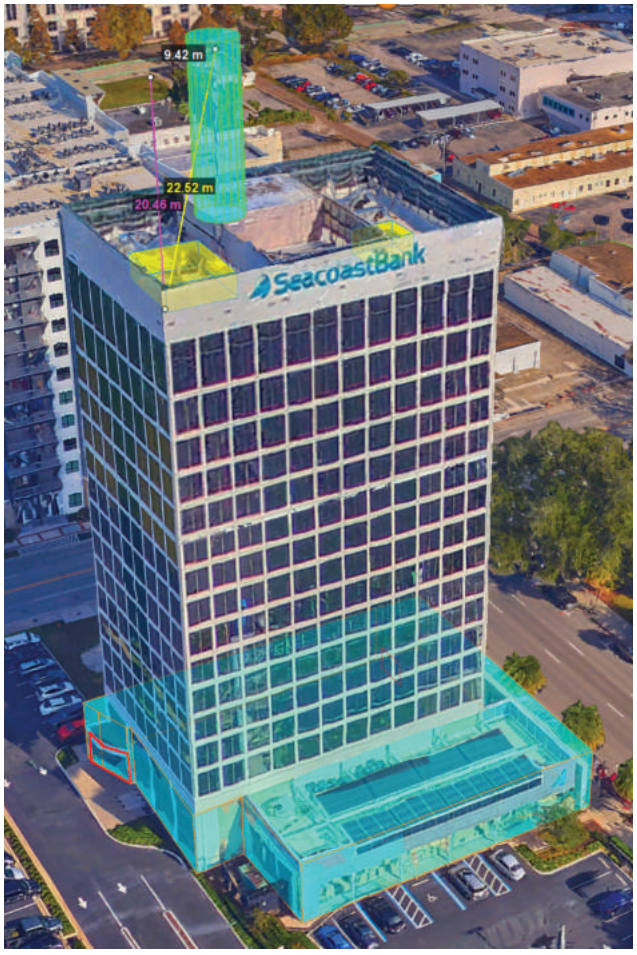
TerraExplorer

Visualize, Analyze, and Inspect Your Geospatial Data in a 3D Environment

TerraExplorer's multilayer application enables the user to view in a variety of mediums for all use-cases. From back-end enterprise level to final user, you can view, analyze and share using the TerraExplorer desktop, web, or mobile applications.

With TerraExplorer, access a full suite of 3D geospatial analysis tools for inspection, simulation, planning, design and more

Experience seamless integration of feature and raster layers, 3D and urban terrain models, and point clouds, allowing you to manipulate 2D and 3D GIS layers in the same environment. And when you complete your project, TerraExplorer's publishing tools allow you to clip, zip, and ship 3D kits to end users or publish entire project packages to the Skyline Globe platform to view on desktop or mobile devices. Showcase your analytics to clients and coworkers using simple and powerful built-in presentation tools.



Skyline®

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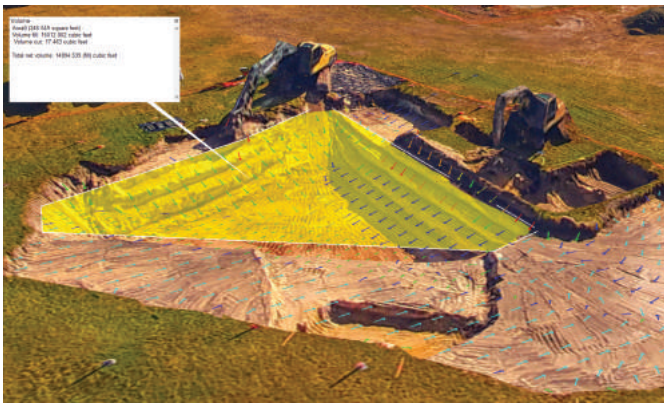

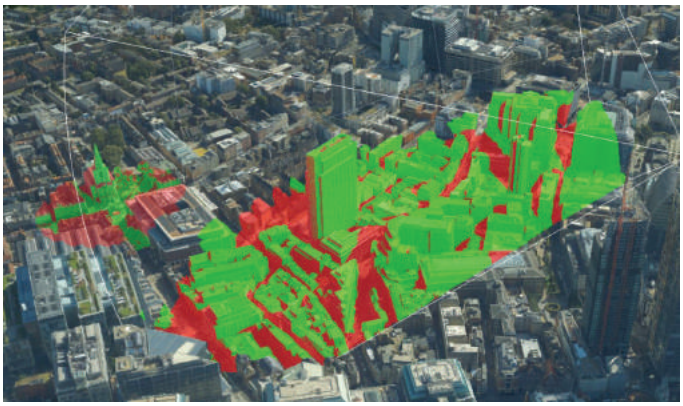

- **Visualization**

  Perform spatial and attribute queries on feature layers. Merge or clip features to clearly analyze the spatial relationships between layer attributes.

- **Simulations**

  TerraExplorer enables the user to create realistic and precise simulations in 3D space to emulate extreme weather events or fires for disaster relief and preparedness, without sacrificing performance

- **Analytics Suite**

  Use the contour tool to create accurate contour map layers over your mesh. Yield slope direction and intensity information using the slope query tool

- **Photo Inspector**

  View nadir and oblique photos that compose the mesh with the single click of a mouse. Then click on any point in your model to view all the raw nadir and oblique images that touch this point. Take measurements and generate reports in individual images.

- **3D line of Sight Tools**

  Determine the line of sight and viewshed from dynamic or stationary positions (objects). Easily identify line of sight and viewsheds within your 3D models. Place them in multiple positions - stationary or dynamic and query them together to create a comprehensive visual report.

- **Custom API**

  TerraExplorer's robust API enables the user to develop powerful customizations to the 3D desktop, web, and mobile applications