

## Advanced GIS processing tools at your fingertips

### Point Cloud Segmentation by Spectral Graph Partitioning



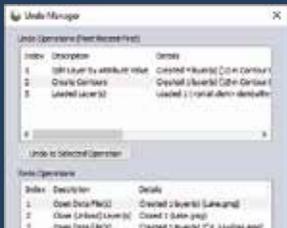
The Segmentation tool analyzes the characteristics of points in order to identify clusters and apply a Segment ID that can be visualized, searched, and selected.

### Python Programming Language Integration



Based in Python v3.9, Global Mapper users are now able to automate workflows in the program using the Python programming language.

### Expanded undo capabilities



A customizable undo manager allows the user to specify which actions to record in order to easily return to a previous data state.

### Automatic Breakline Creation



The new breakline extraction tool in Global Mapper Pro finds changes in elevation or slope and extracts these edges as 3D vector breaklines.

Contact us at [www.caroneast.com](http://www.caroneast.com) or [sales@caroneast.com](mailto:sales@caroneast.com)

## Global Mapper Training

### Customized Sessions

A tailored curriculum focused on the needs of a company or organization

### Public Sessions

A hands-on class for GIS pros and beginners, leading to Global Mapper certification

### Self-Guided Sessions

A downloadable series of instructions and GIS data for learning at one's own pace

## Technical Support

### Email our Tech Team:

[geohelp@bluemarblegeo.com](mailto:geohelp@bluemarblegeo.com)

### Subscribe to our YouTube Channel:

[youtube.com/user/BlueMarbleWebinars](https://youtube.com/user/BlueMarbleWebinars)

## Other Resources

### Our Knowledge Base:

[bluemarblegeo.com/knowledgebase/](http://bluemarblegeo.com/knowledgebase/)

### The Global Mapper Forum:

[globalmapperforum.com](http://globalmapperforum.com)

## About Blue Marble

Blue Marble Geographics® is a geodetic and GIS software company that provides cutting-edge yet affordable products designed for both novice and experienced geospatial professionals. Blue Marble's expertise spans a broad spectrum of the geospatial technology sector with a particular focus on coordinate conversion, Lidar and photogrammetric point cloud processing, geospatial software development kits, and user-driven product development.

800-25CARON (252-2766)

**Global Mapper Pro®** — Raising the bar on GIS solutions.

## Virtually everything you need in GIS software



### File Format Support

Growing list of more than 300 supported file formats



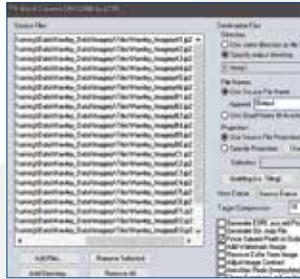
### Vector & Raster Tools

Cropping and tiling tools, advanced digitizing tools, attribute management, and more



### 3D Rendering & Analysis

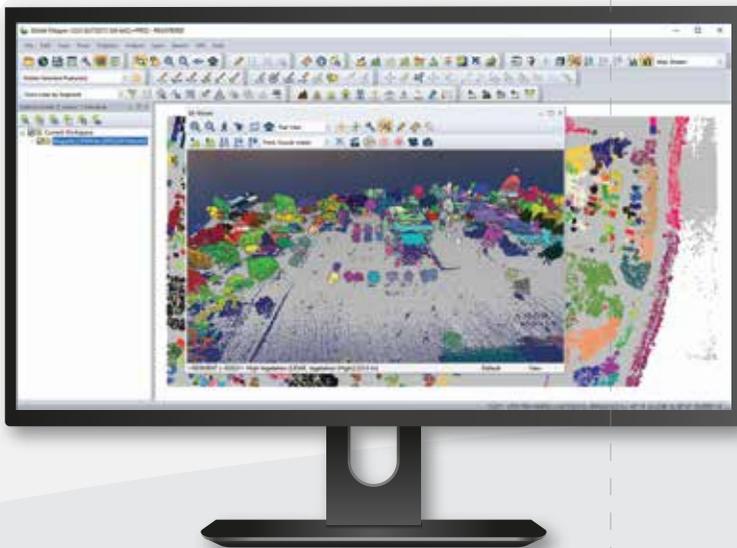
Contour generation, watershed and viewshed modeling, fly-through recording, and more



### Scripting & Batch Processing

Ability to automate complex procedures and large volume data conversion

And much more! Download a trial of Global Mapper today at [www.bluemarblegeo.com](http://www.bluemarblegeo.com)



# the all-in-one GIS software

Global Mapper Pro® supplements all of the features and functions in the base version of Global Mapper® with a varied collection of professional-grade geospatial tools. The Pro version provides power users with numerous new and enhanced data processing and analysis tools. The comparison chart below shows the features and tools available in each version of the software:

## Global Mapper Features

	Base	Pro
Support for importing and exporting 300+ file formats	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Access to online data sources for streaming imagery, basemaps, terrain, and vector data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vector drawing, editing, analysis, and spatial operations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Attribute editing, joining, calculation, graphing, and querying	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Thematic and choropleth mapping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Map design and pre-print layout	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lidar display, filtering, and manual editing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Terrain creation and modification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Terrain analysis, including contour generation, line of sight, viewshed, watershed, and flood simulation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Volume calculation, pile volume estimation, cut and fill analysis, and change detection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Immersive 3D visualization, 3D data creation and editing, fly through recording, and layer animation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Image rectification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Image blending, feathering, cropping, and pan sharpening	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Image and raster reclassification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Raster calculation Including NDVI, NDWI, NBR, and custom formulas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Address geocoding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Batch file conversion and workflow automation with Global Mapper scripts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Integration with Global Mapper Mobile app	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GPS support for tracking and data collection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Terrain painting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Breakline calculation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advanced querying, editing, segmenting, and filtering of lidar and 3D point clouds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic classification of point cloud data including ground, vegetation, buildings, power lines, and poles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vector feature extraction from classified point cloud data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lidar noise identification and removal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Point cloud thinning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vertical and horizontal rectification of point cloud data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic alignment of overlapping point clouds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Visual analysis of point cloud data, including by local density, height above ground, intensity, and classification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Point cloud profiling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pixels to Points® - Drone/UAV imagery processing to create 3D point clouds, orthoimage, and 3D model	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advanced automated vectorization of imagery and terrain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Support for RTK devices and display of satellite constellation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Built-in editor for Global Mapper scripts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Support for Python scripting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>