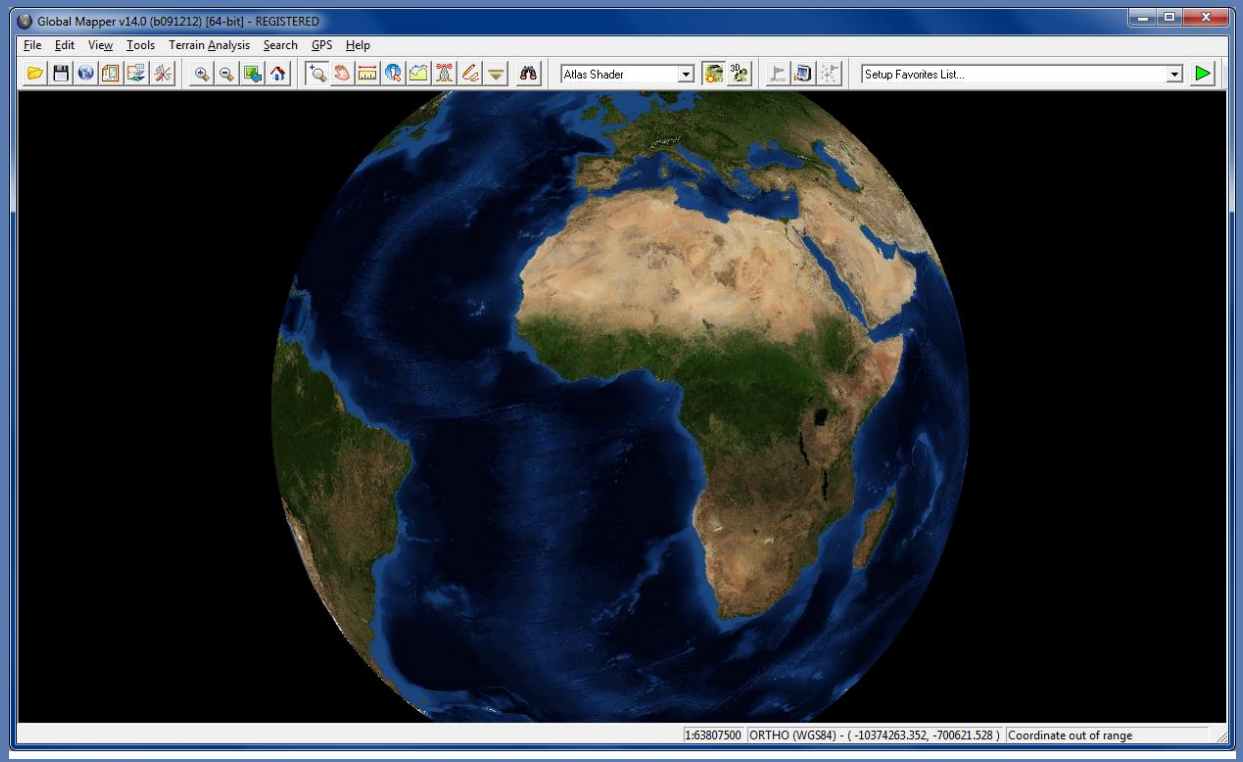
BLUE MARBLE GEOGRAPHICS

WHERE GIS DATA CONVERSION SOLUTIONS ARE BORN

# Low Cost GIS for Government

***MundoGeo Connect (May, 2014)***





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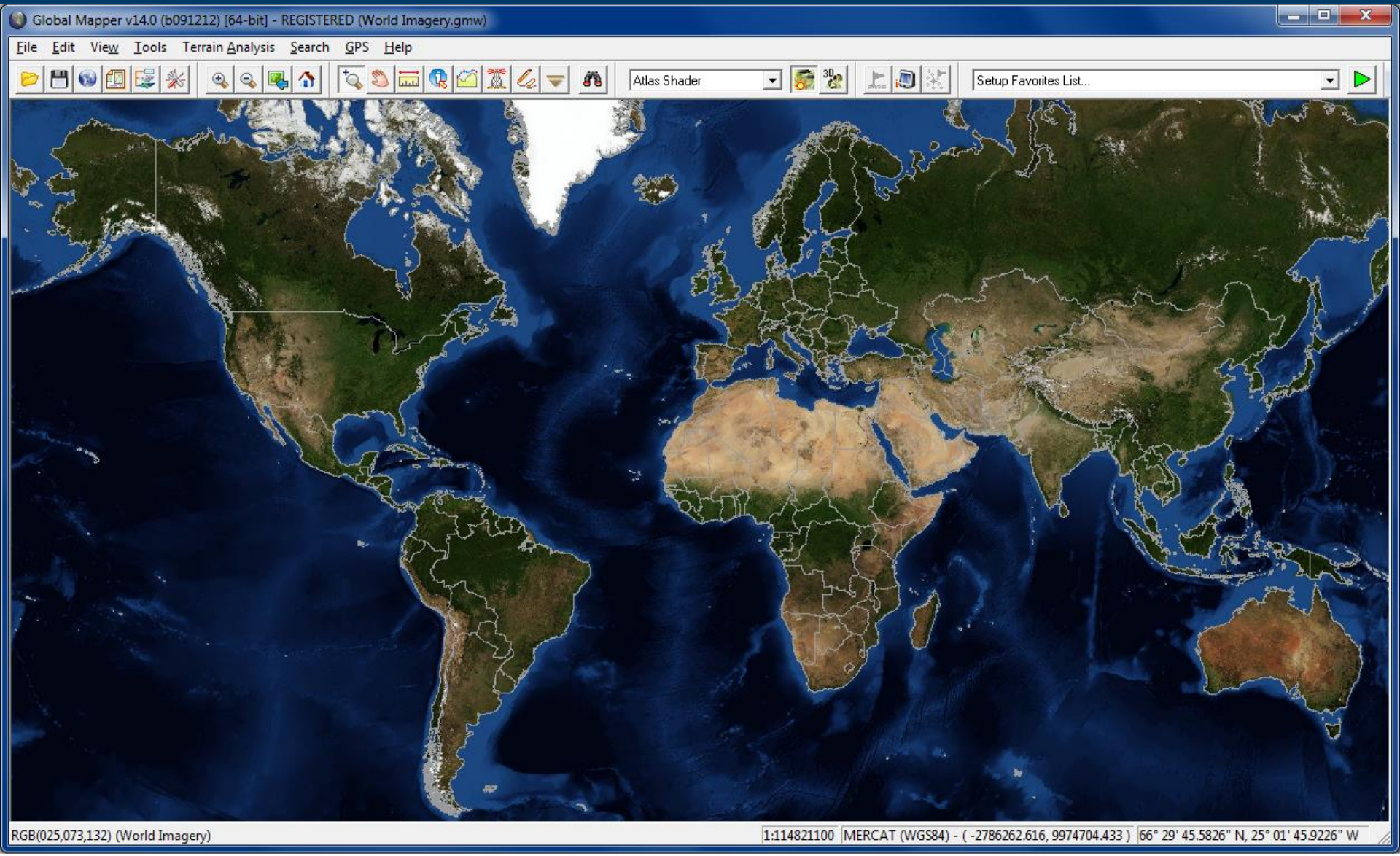
# What is Global Mapper?

- Affordable and easy-to-use GIS software
- Provides unparalleled access to hundreds of spatial data file formats and numerous free online datasets
- Offers a variety of drawing tools for creating or editing map features
- Includes a wide array of analysis functions including watershed delineation and flood zone modeling
- Provides just the right level of GIS functionality to satisfy both GIS professionals and mapping novices

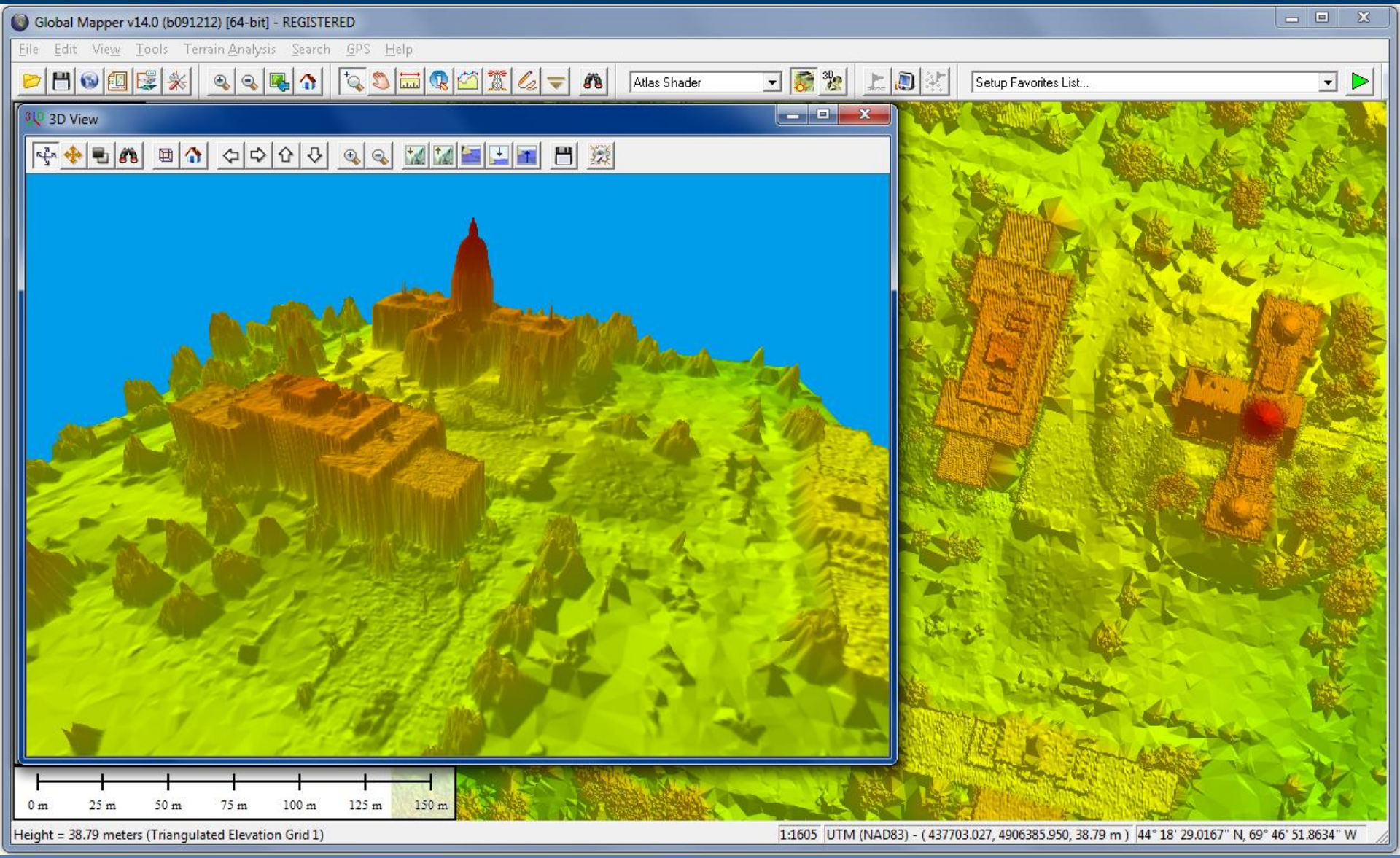
# Low Cost GIS

- “Data Mining” – extract value from old datasets once thought dormant
- By taking advantage of free data and low cost software, powerful analyses can be performed more easily than ever
- 3d modeling of terrain and structures can save money and time by evaluating potential construction sites for wind turbines, cellular towers, or other structures, without setting foot in the field until later in the process
- The data required in order to execute these processes is often freely available
- Leverage simple, freely available sources of data to perform advanced terrain-based site analysis, with a minimum of investment and training

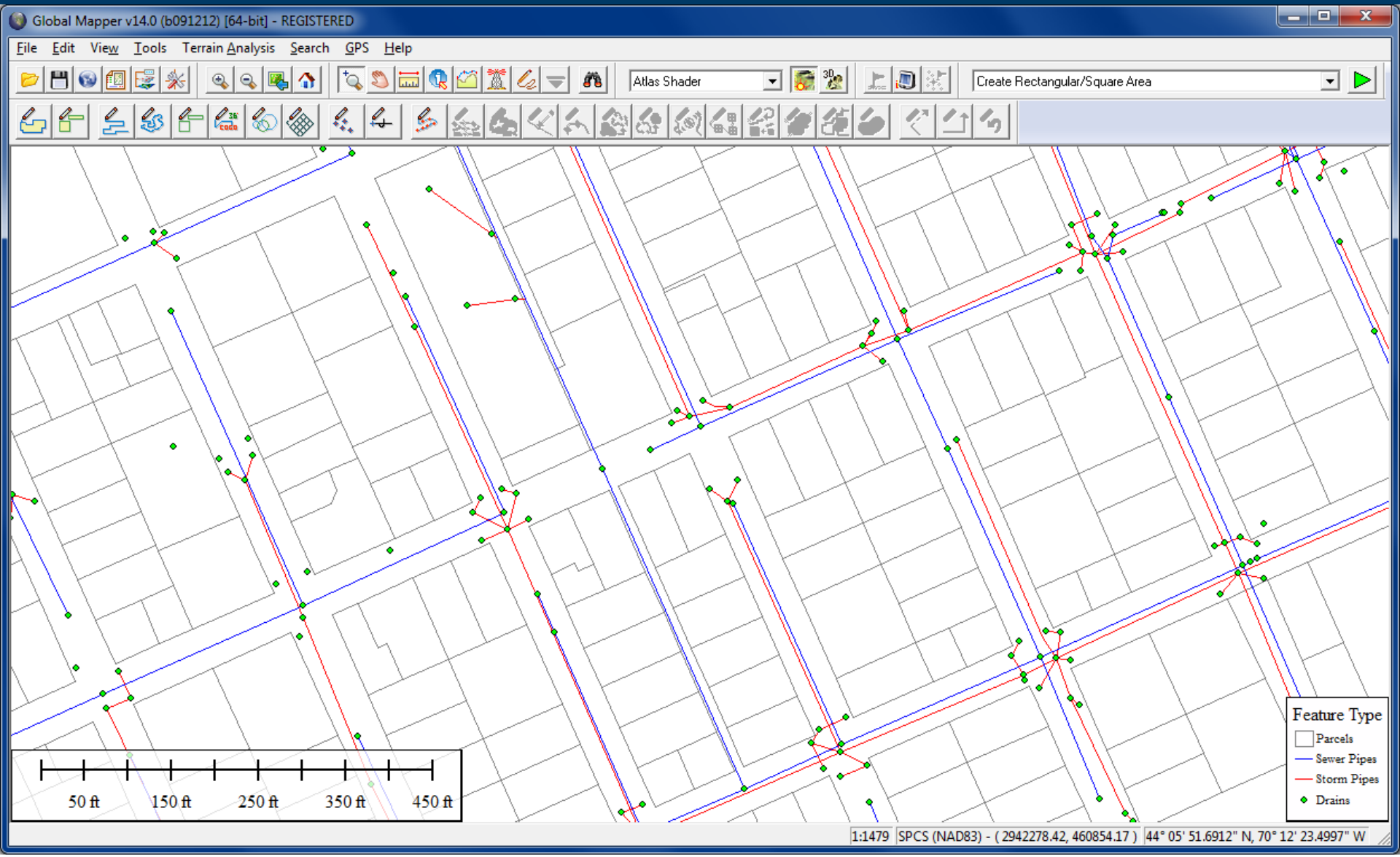
# Global Mapper v15.2



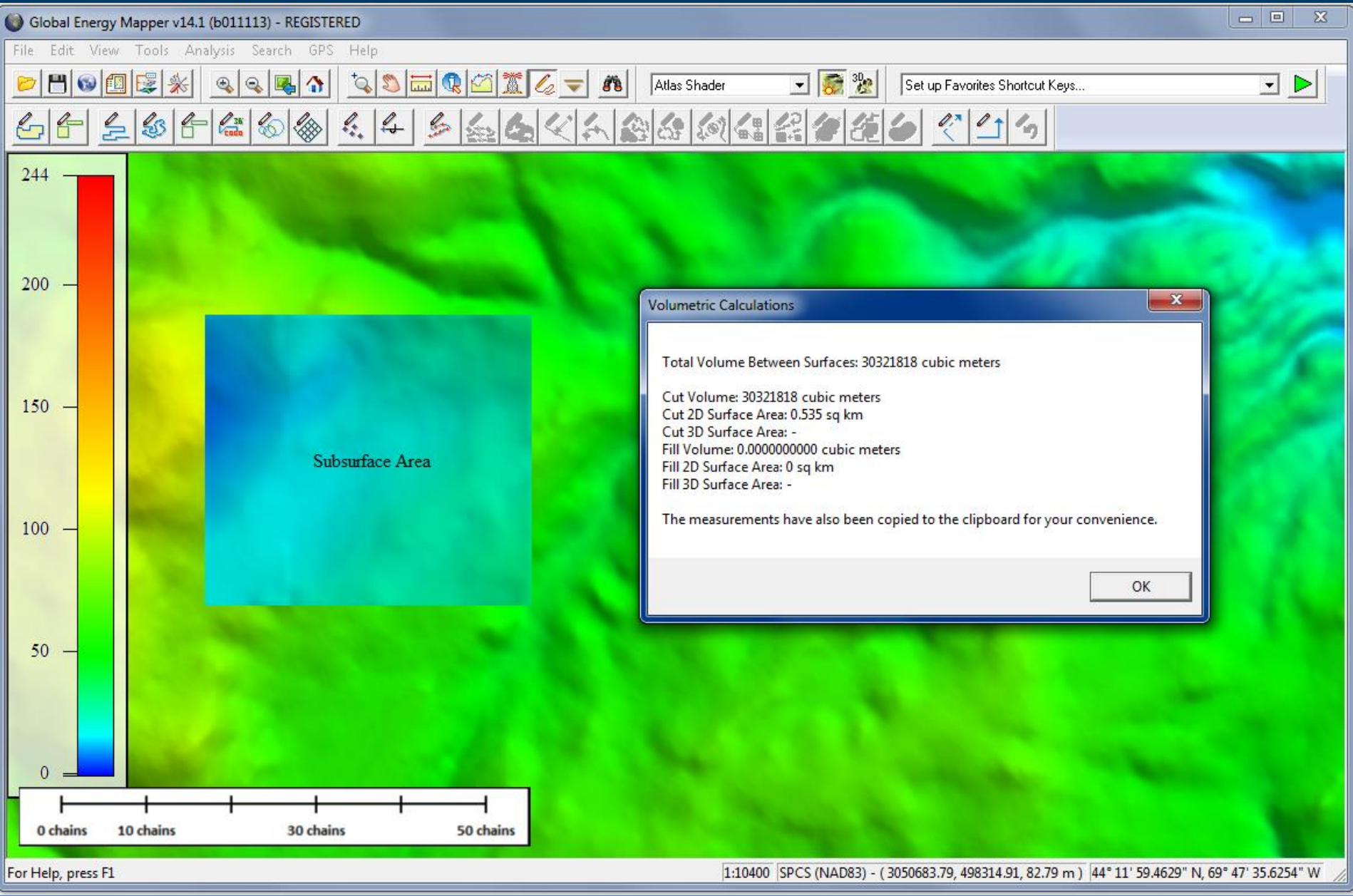

## Support for over 200 file formats



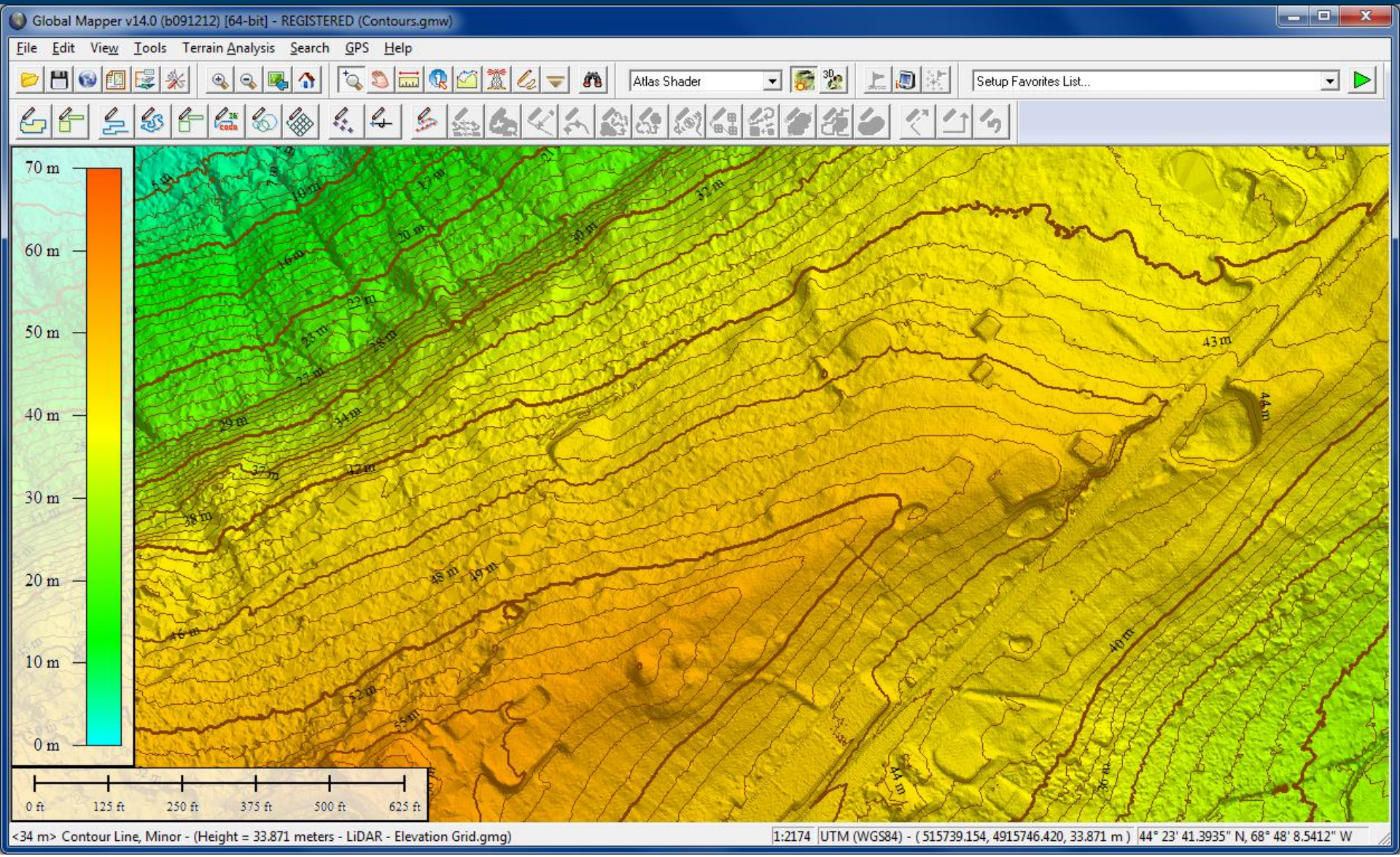

# Advanced LiDAR processing and terrain surface modeling



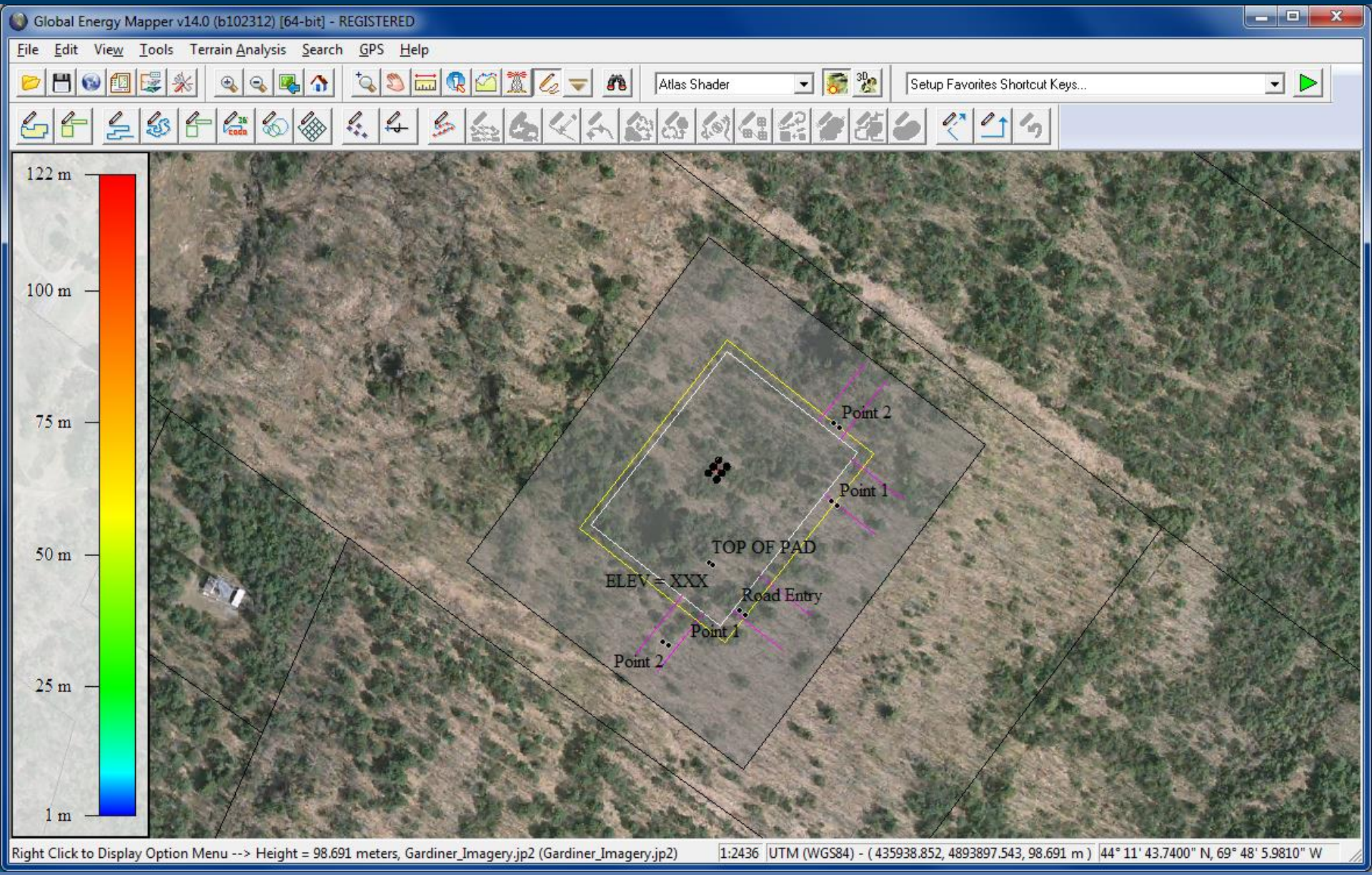

# Infrastructure mapping



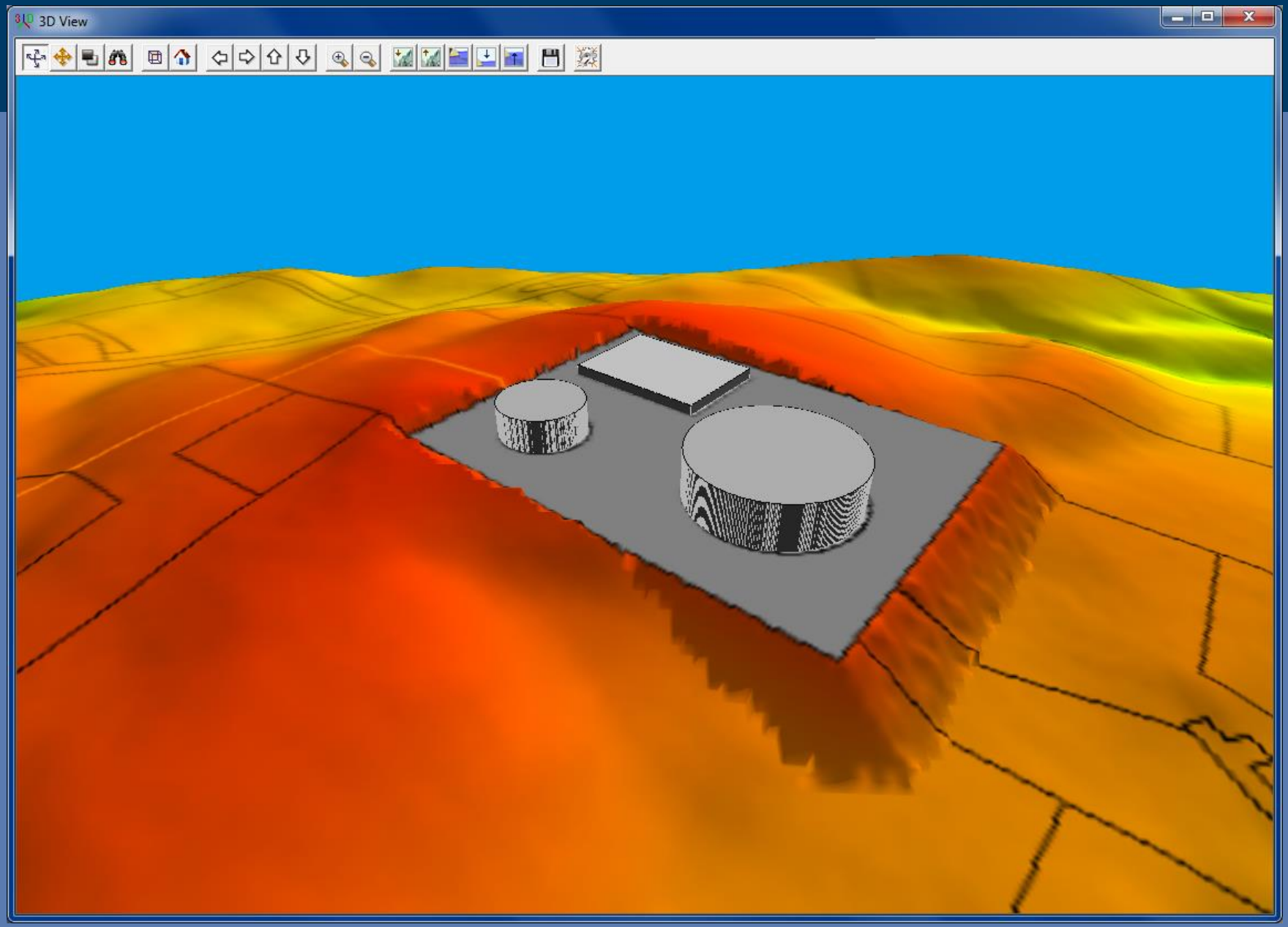

# Accurate volumetric calculation



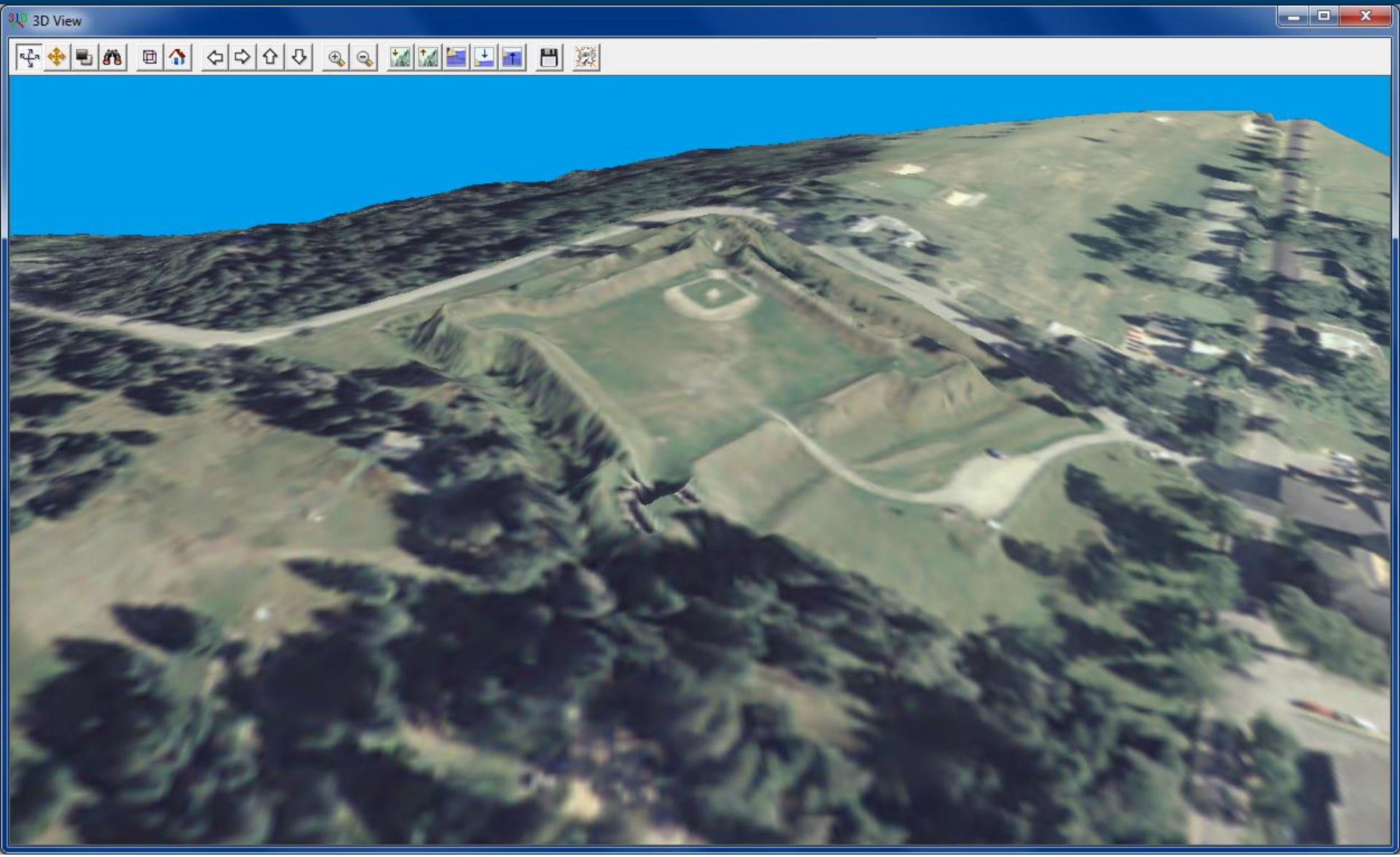

# Custom contour generation



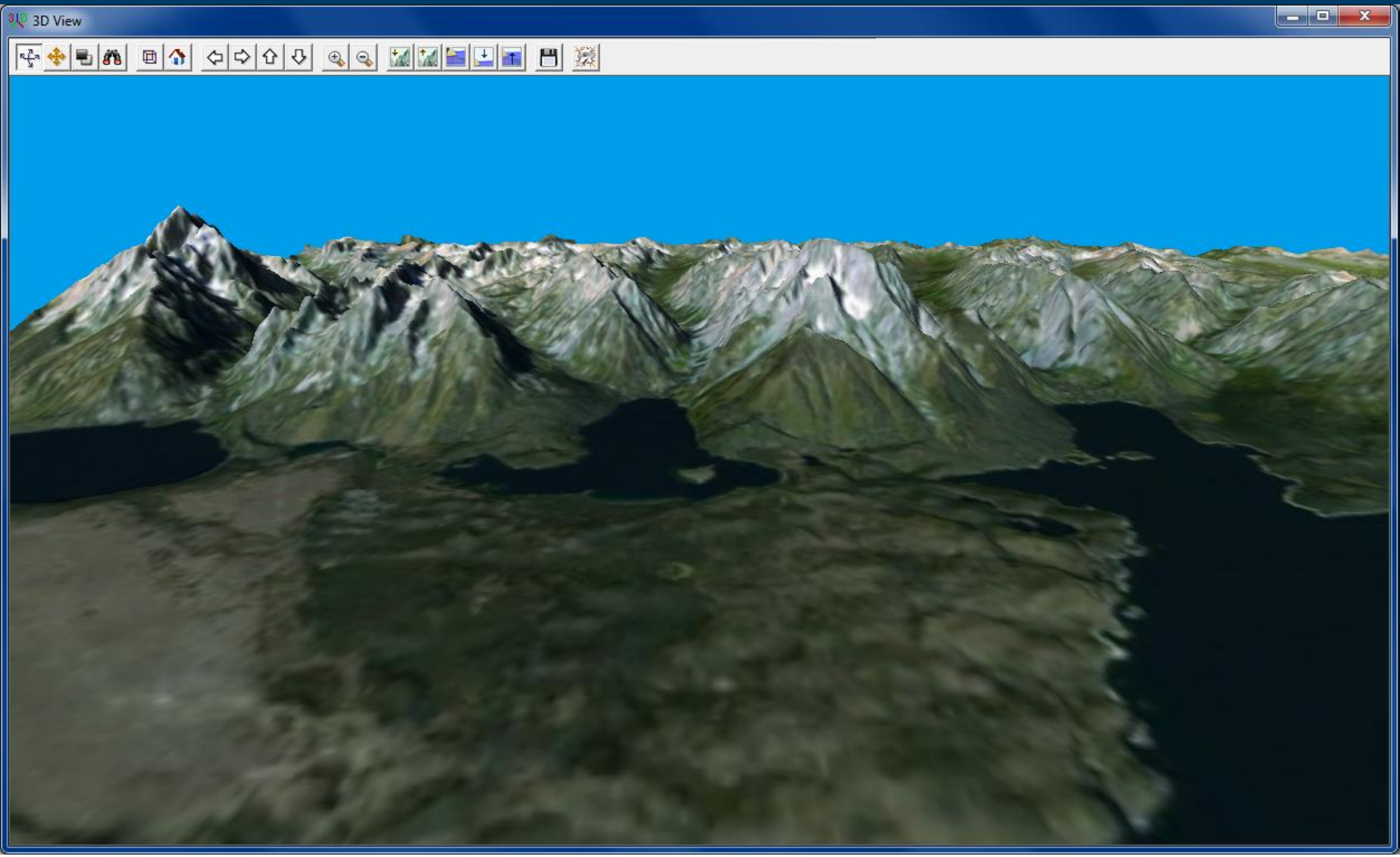

# Powerful well pad placement function



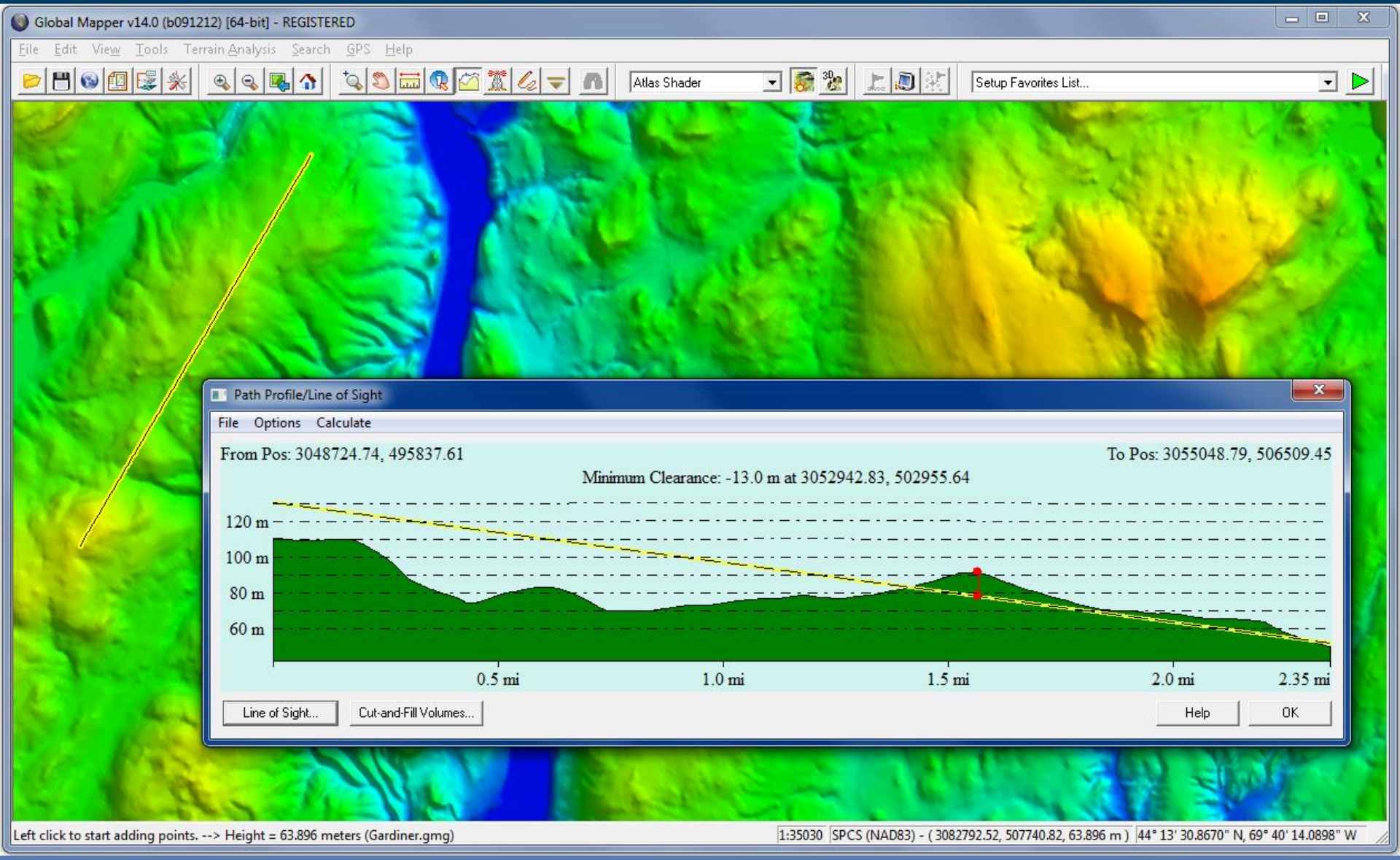

# 3D terrain and vector modeling



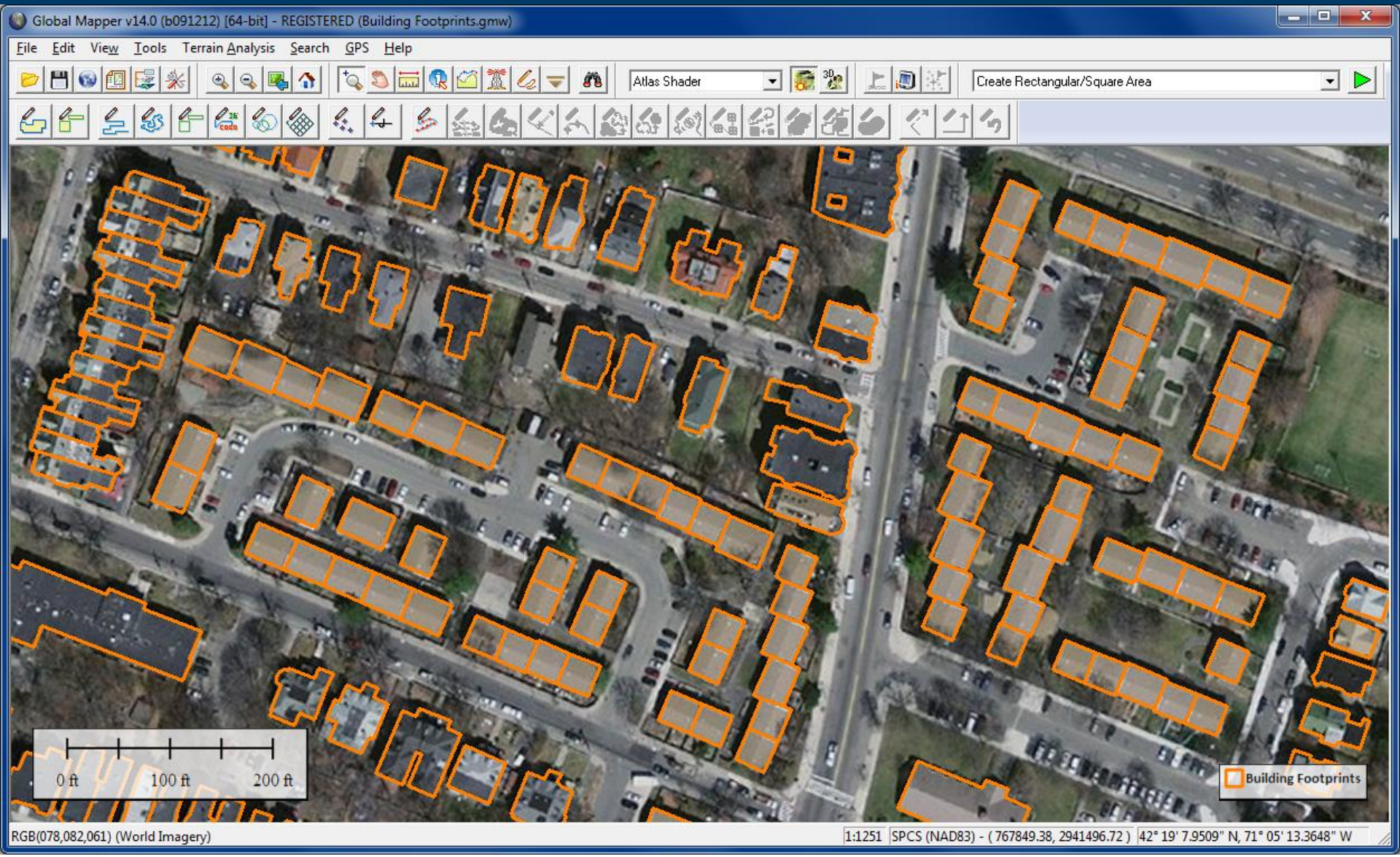

# Raster processing and image rectification



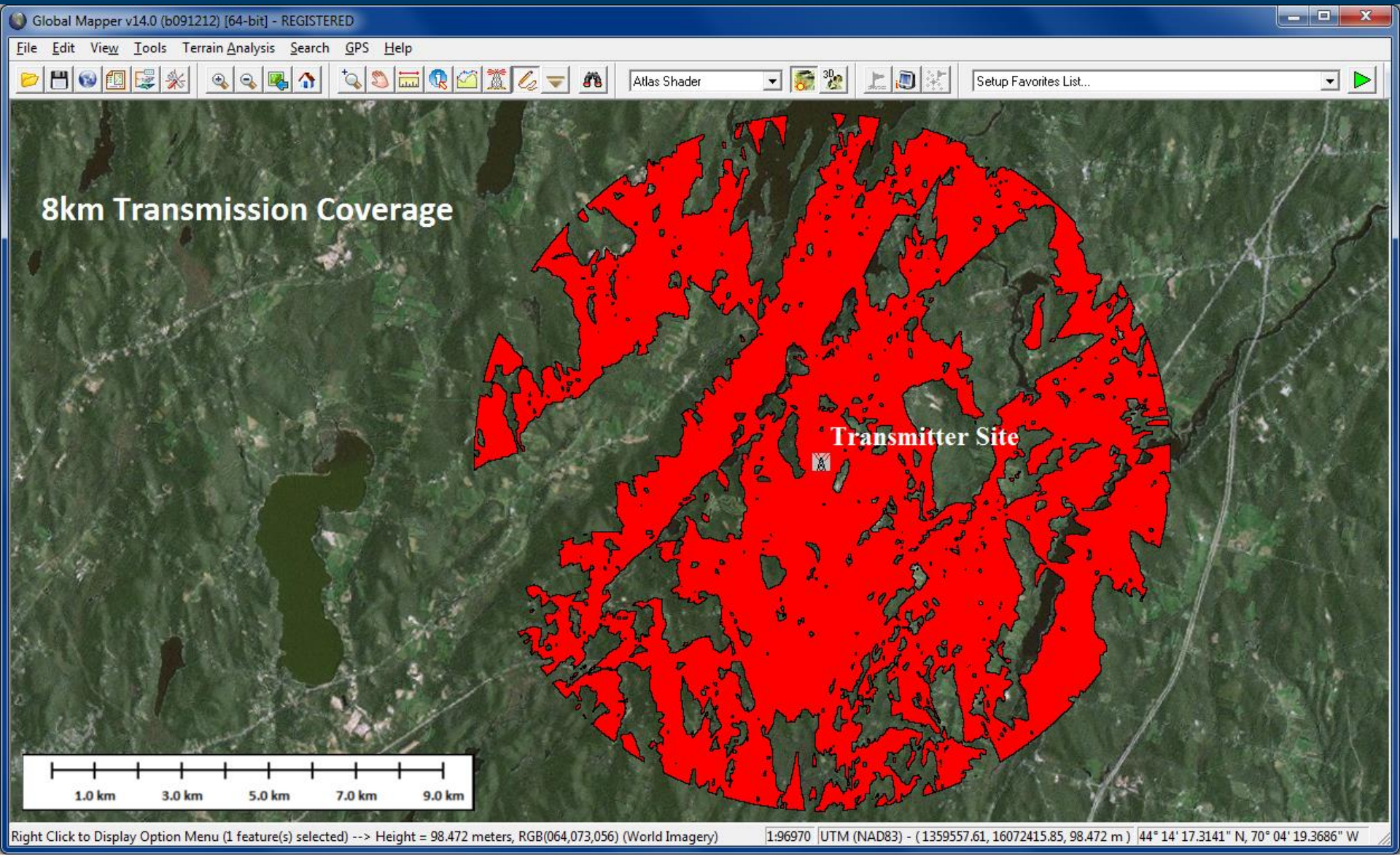

# 3D terrain rendering



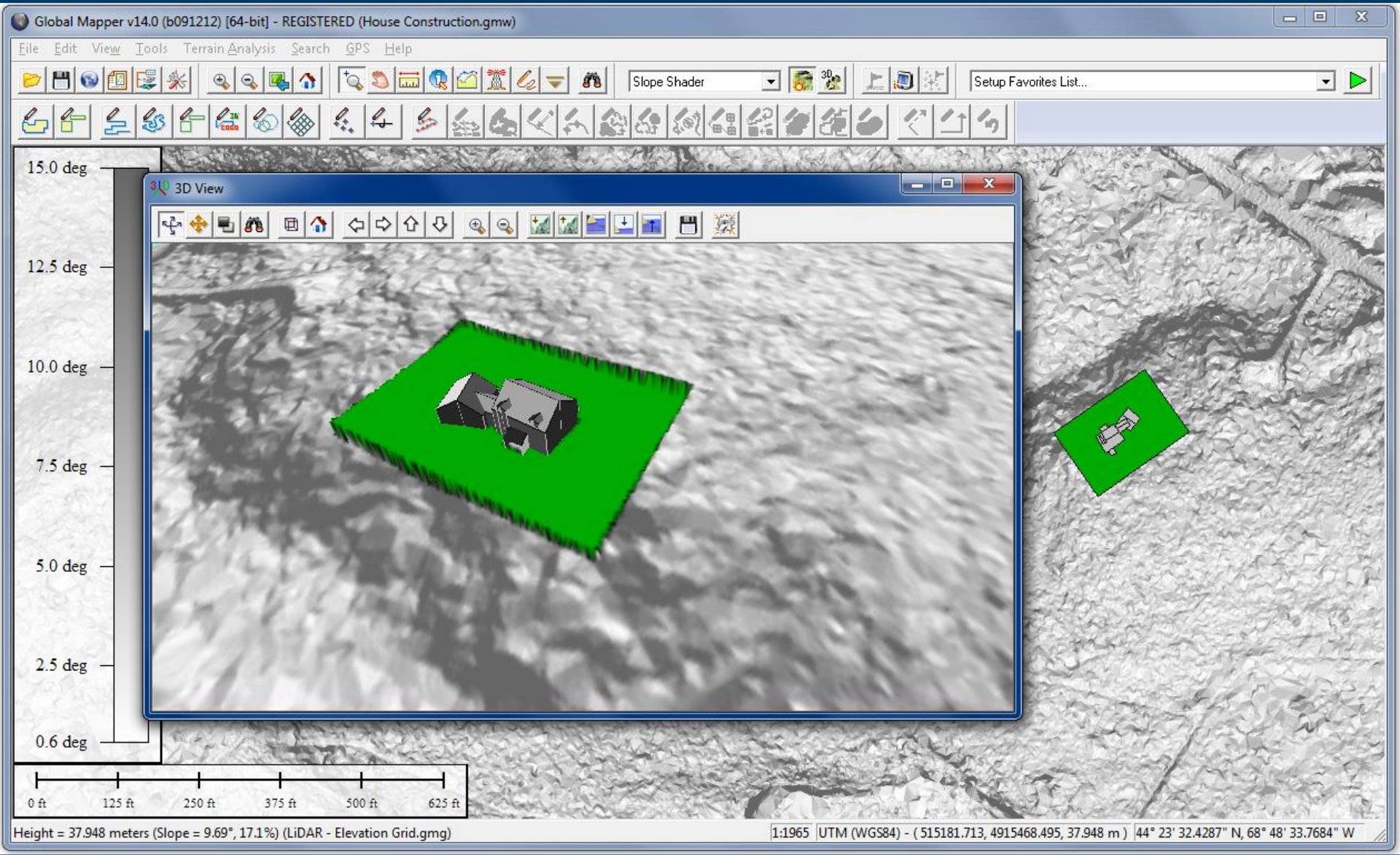

# Terrain profiling and line-of-sight analysis



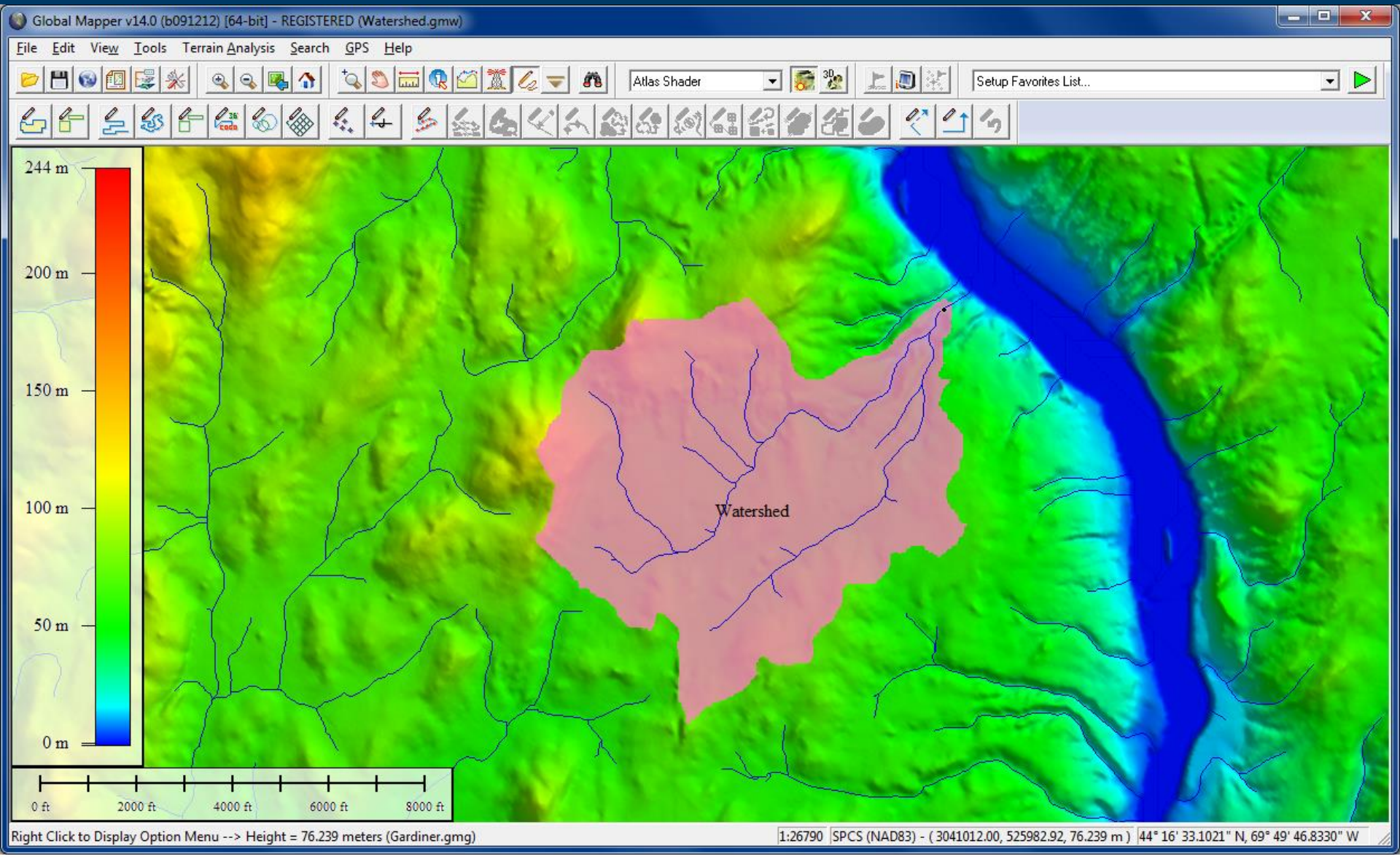

# Advanced digitization and drawing functions




# Multi-direction view shed analysis

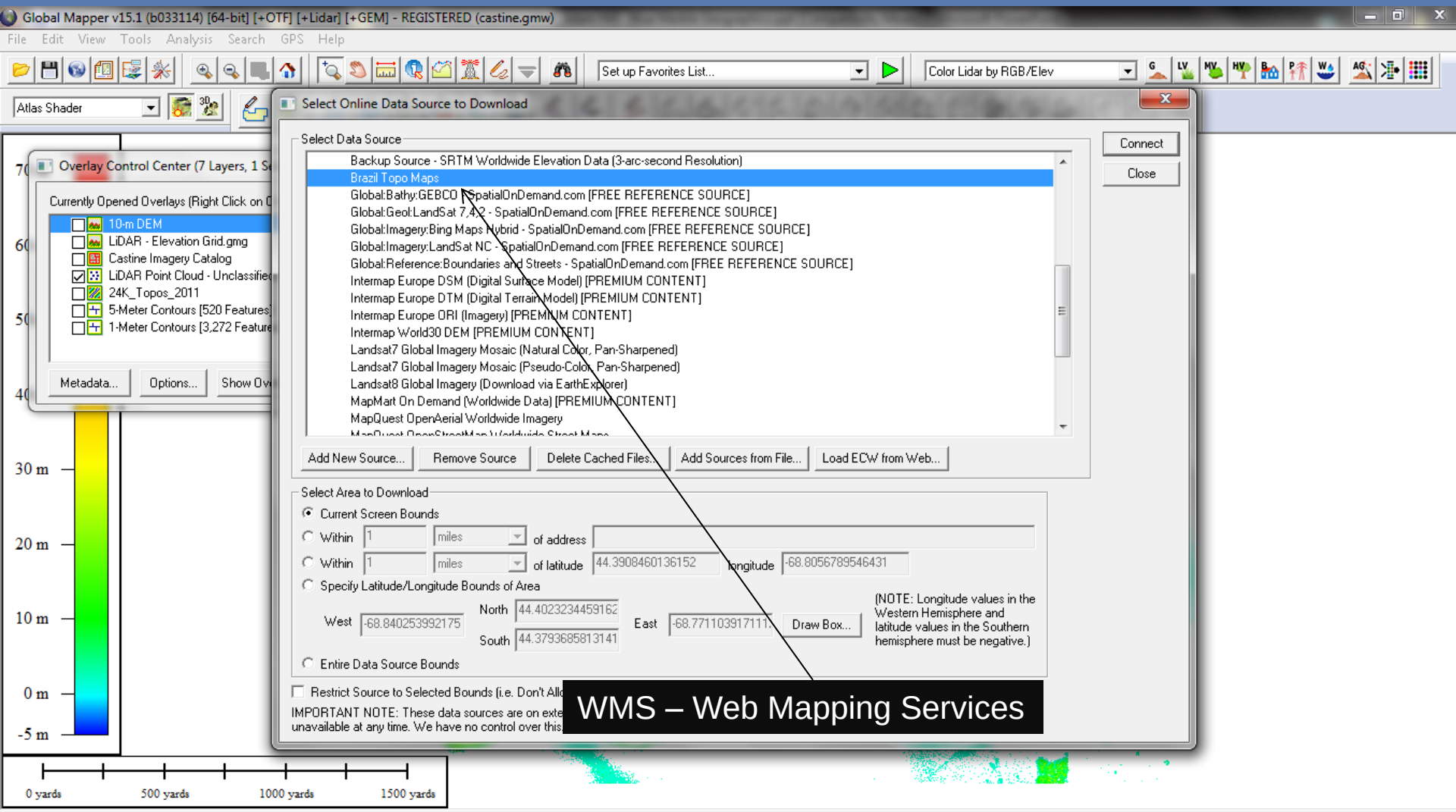



# Surface modeling and terrain flattening

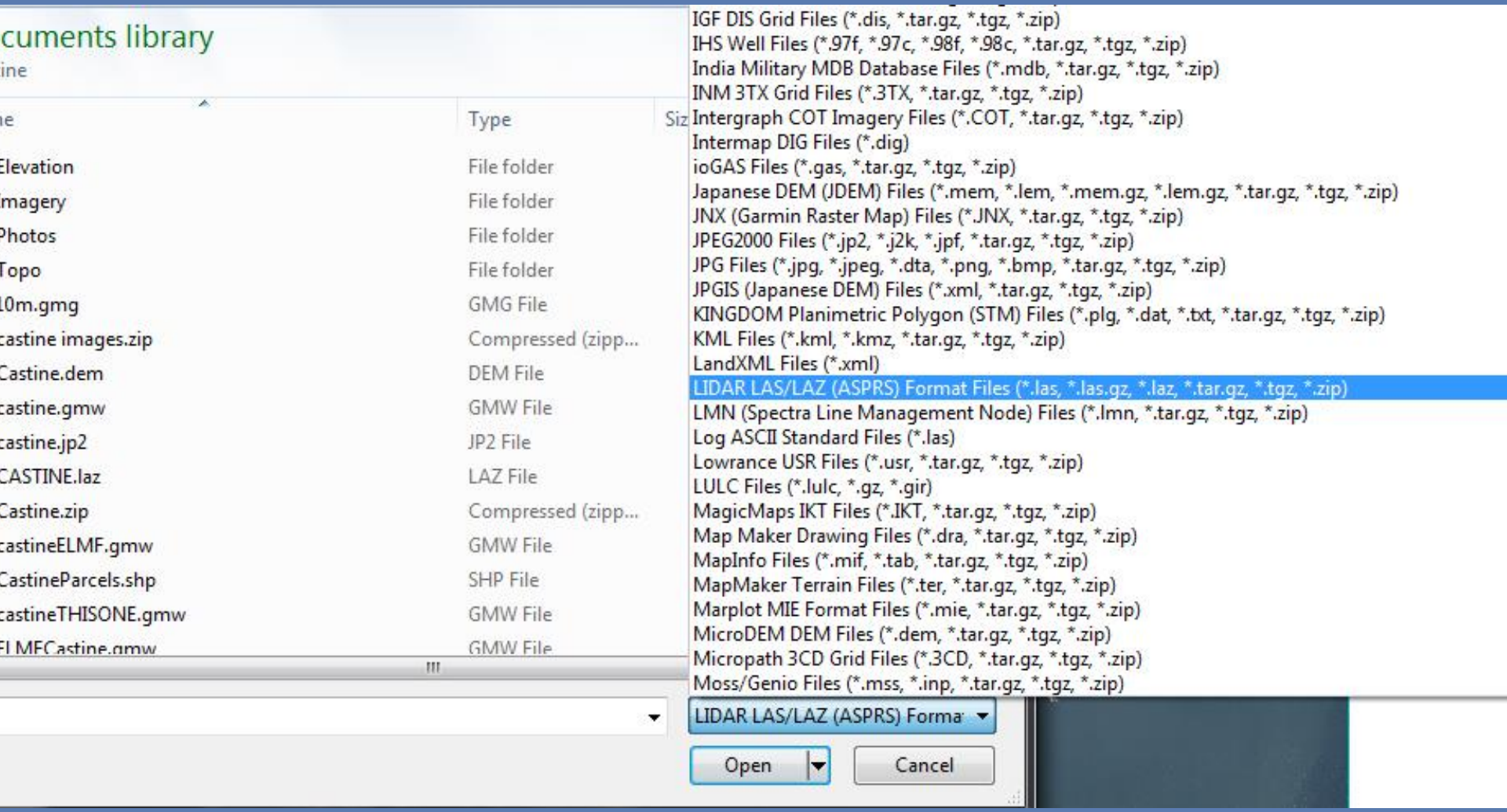



# Watershed creation and stream delineation

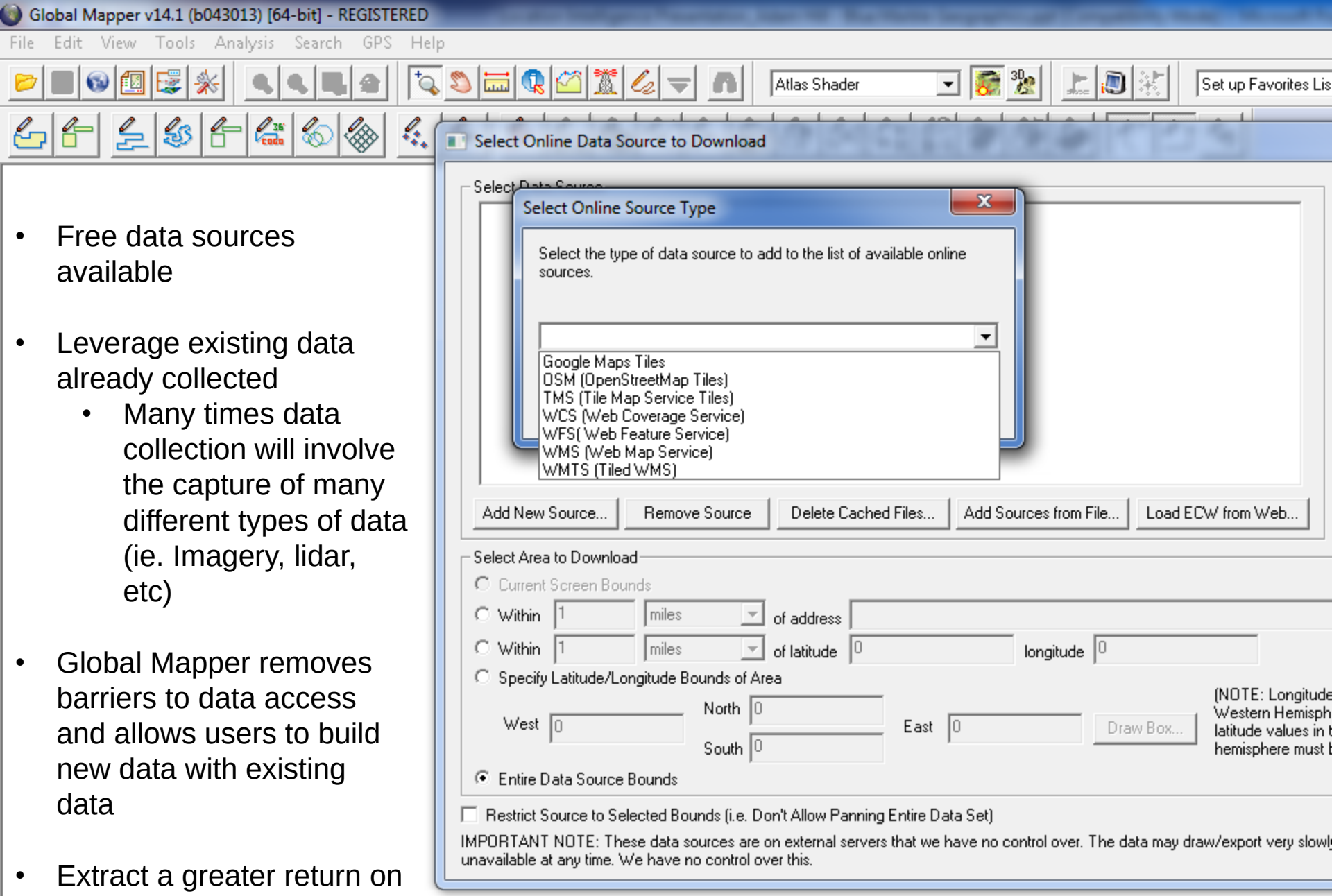
# Web Mapping Services for S.A.



# Leveraging LiDAR for Terrain Analysis



- Free data sources available
- Leverage existing data already collected
  - Many times data collection will involve the capture of many different types of data (ie. Imagery, lidar, etc)
- Global Mapper removes barriers to data access and allows users to build new data with existing data
- Extract a greater return on investment from your data



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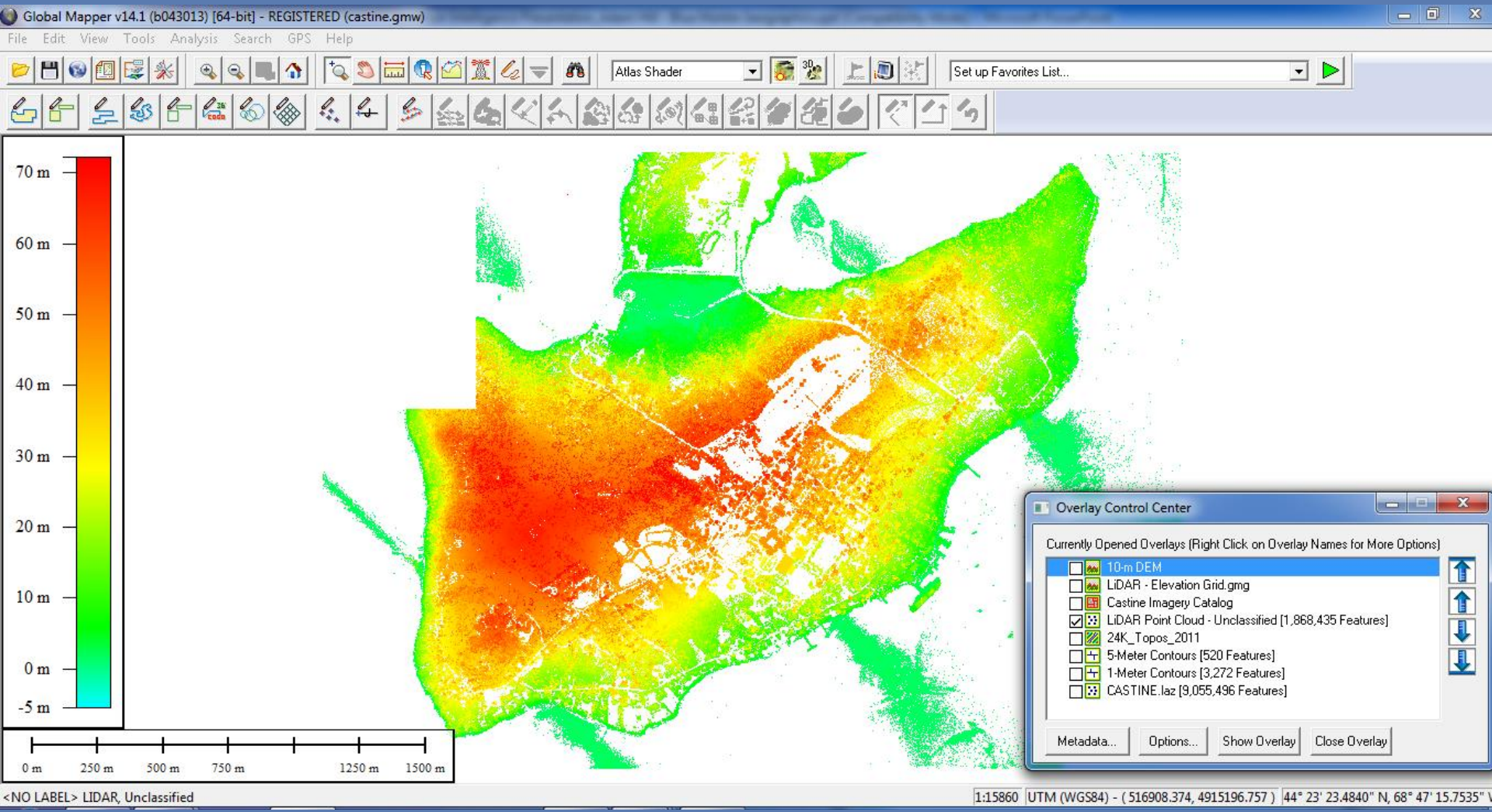

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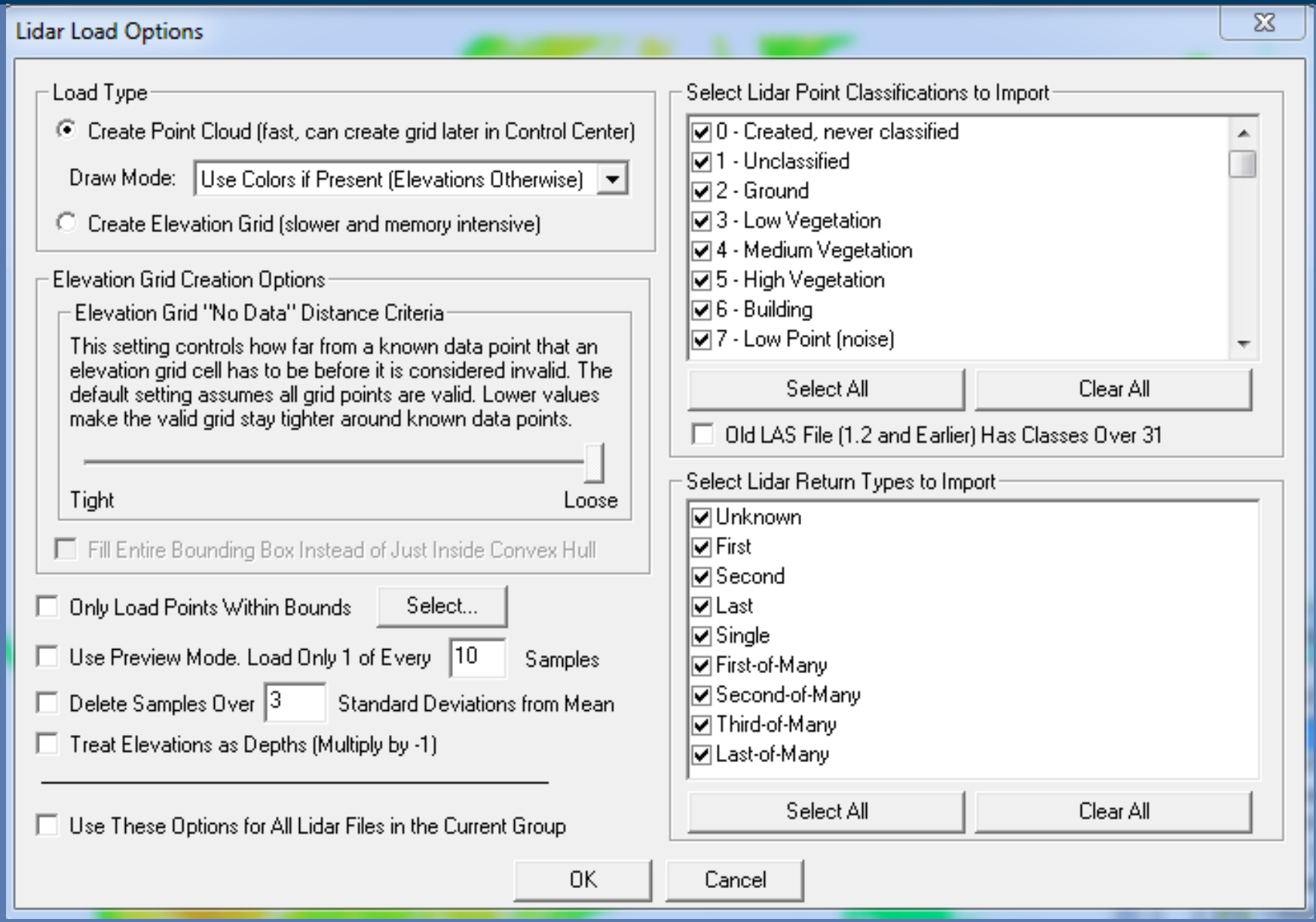

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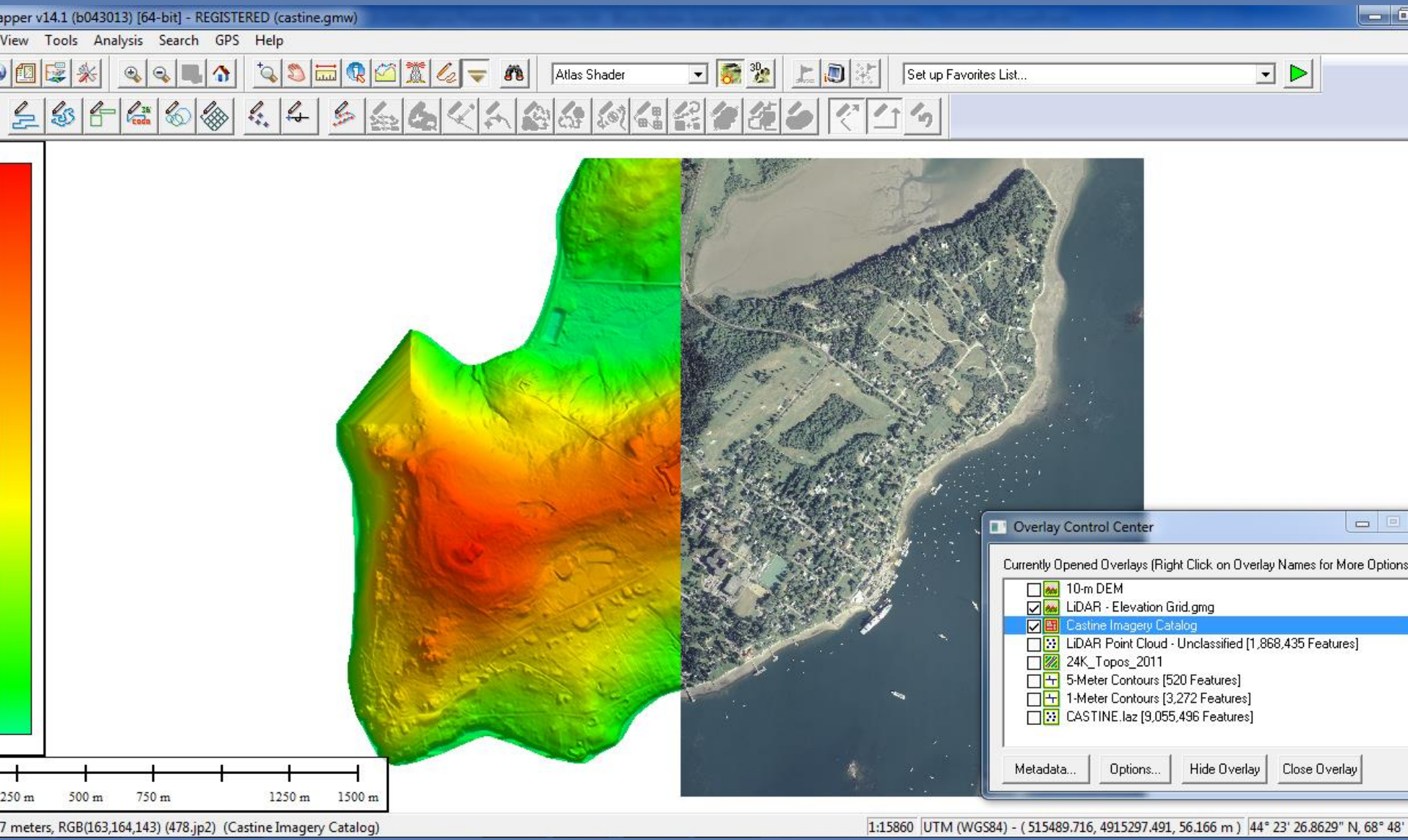

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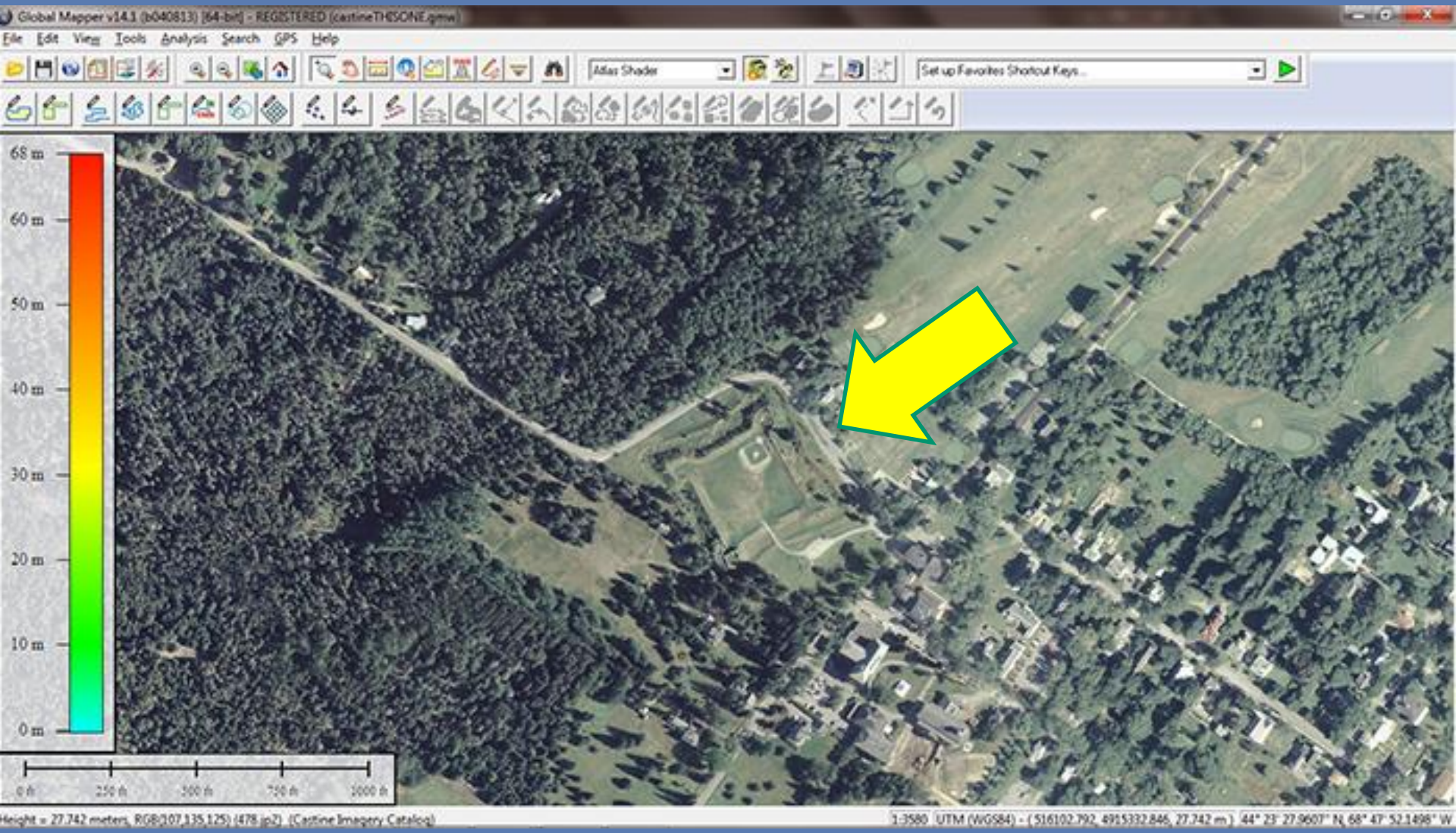

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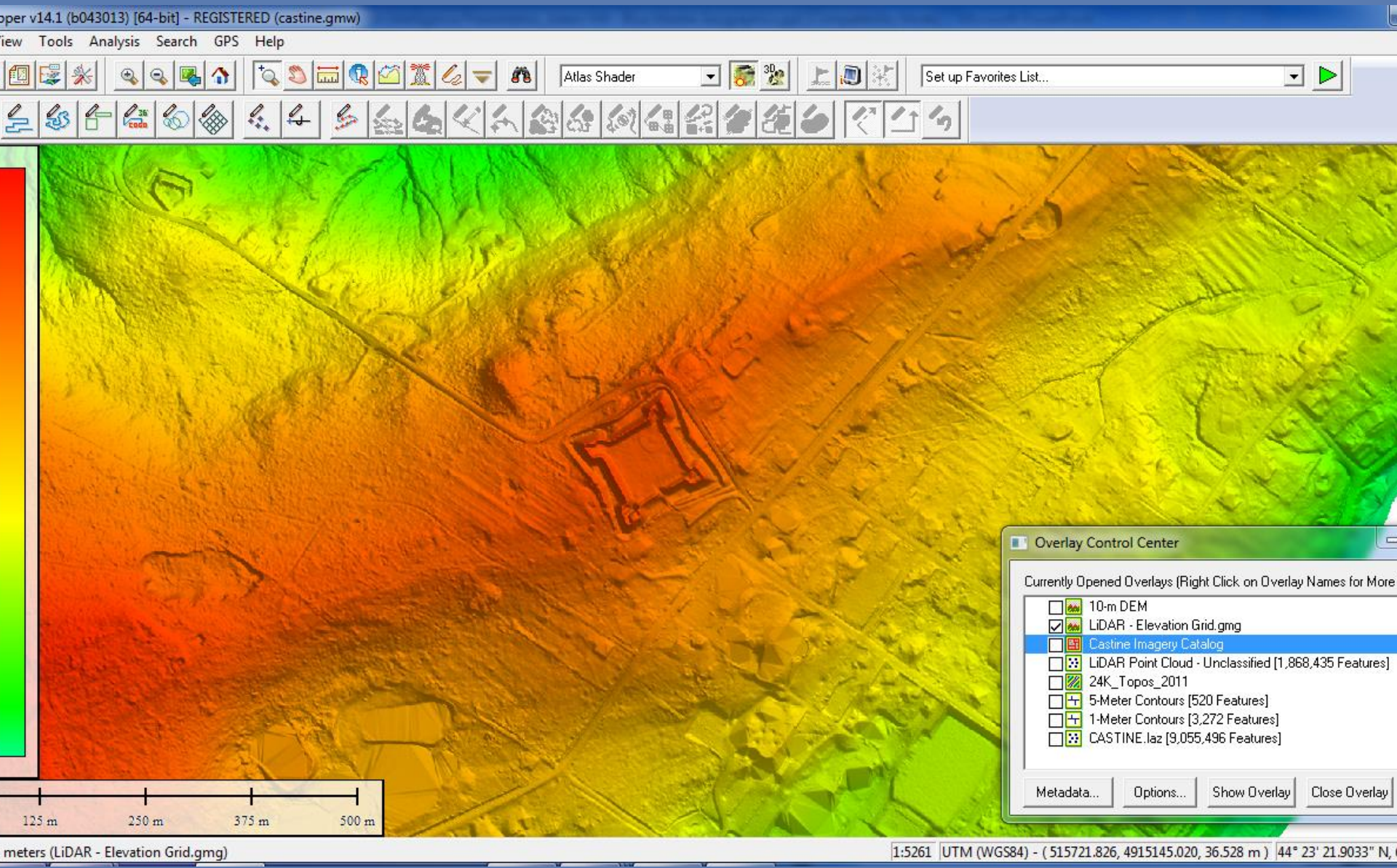

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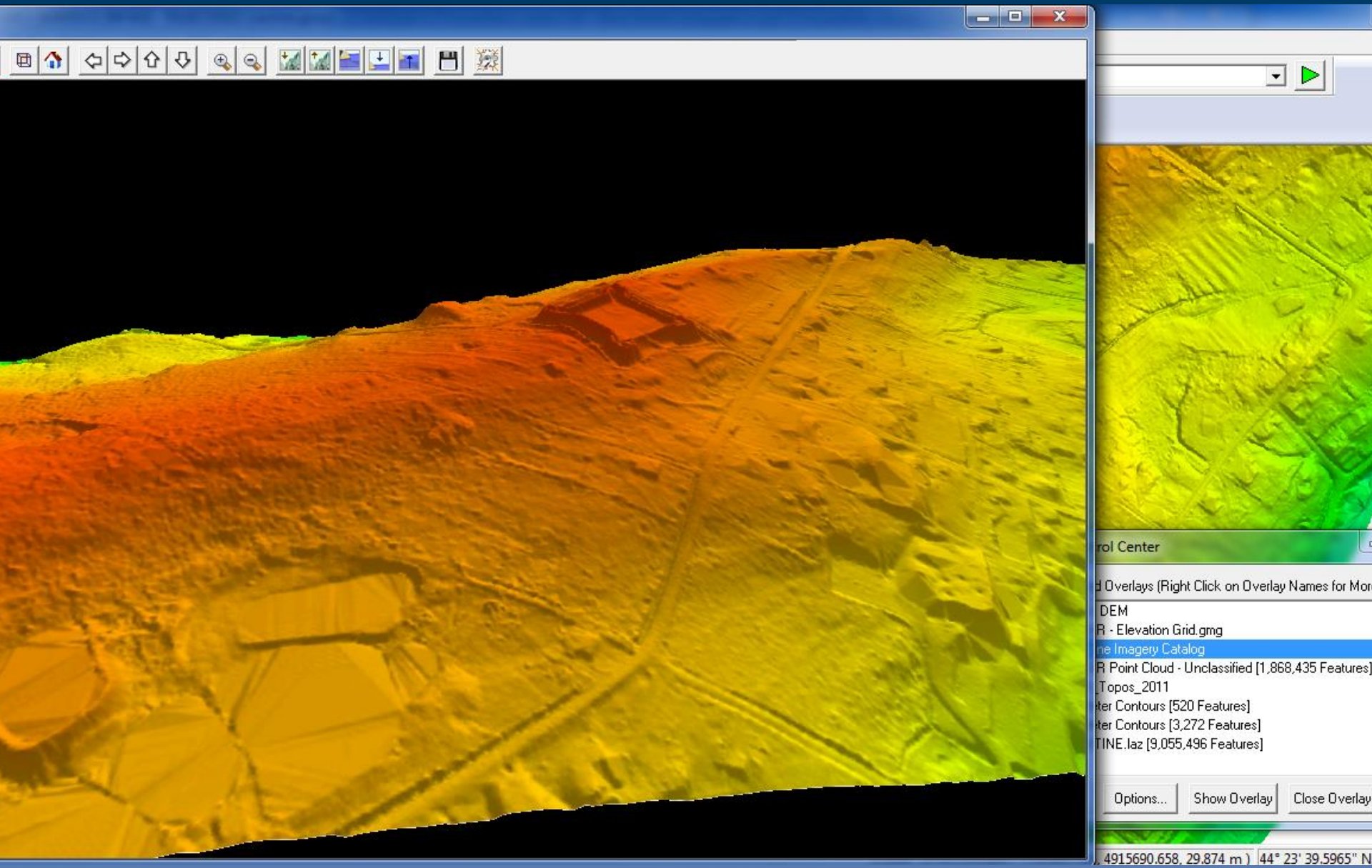

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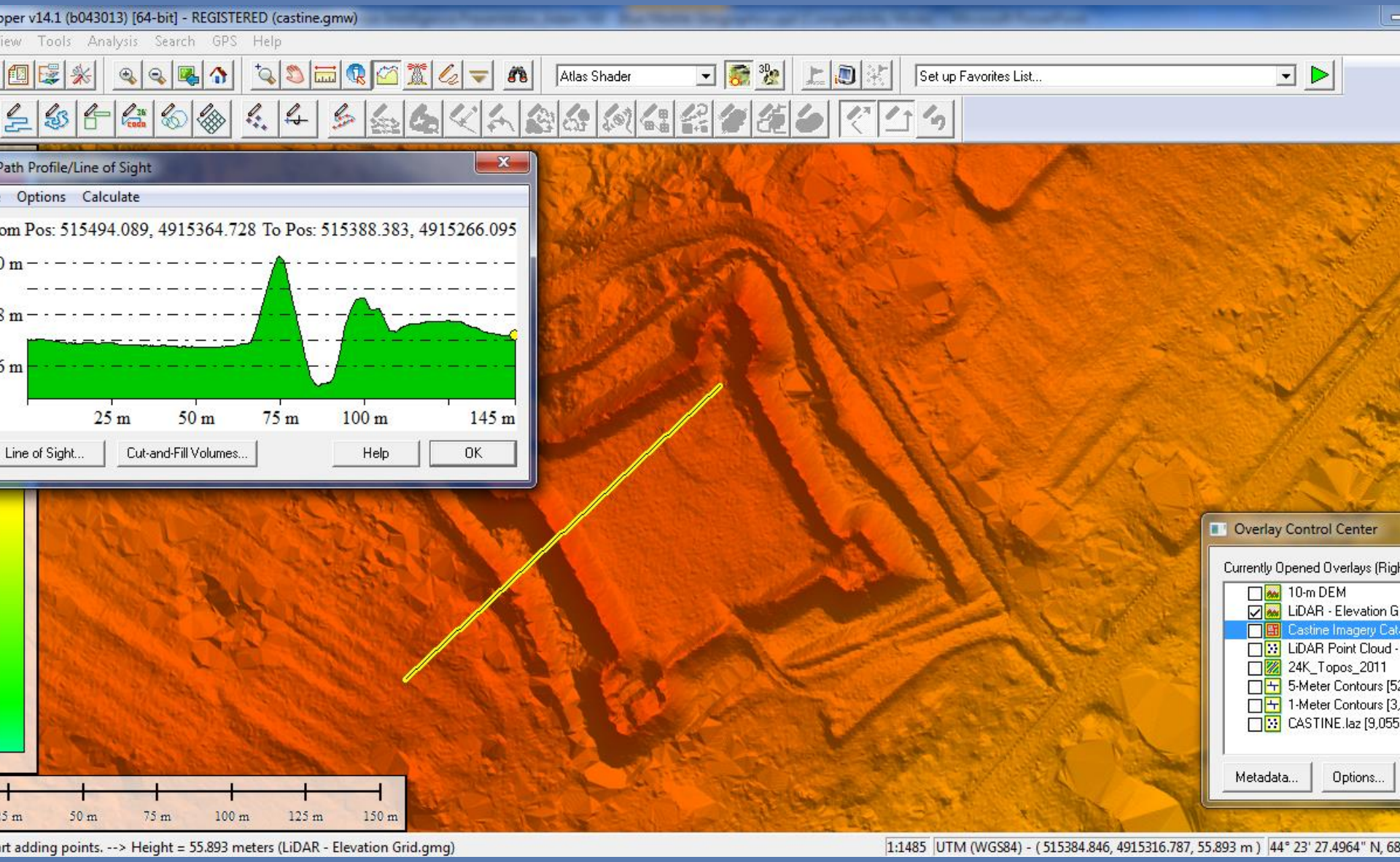

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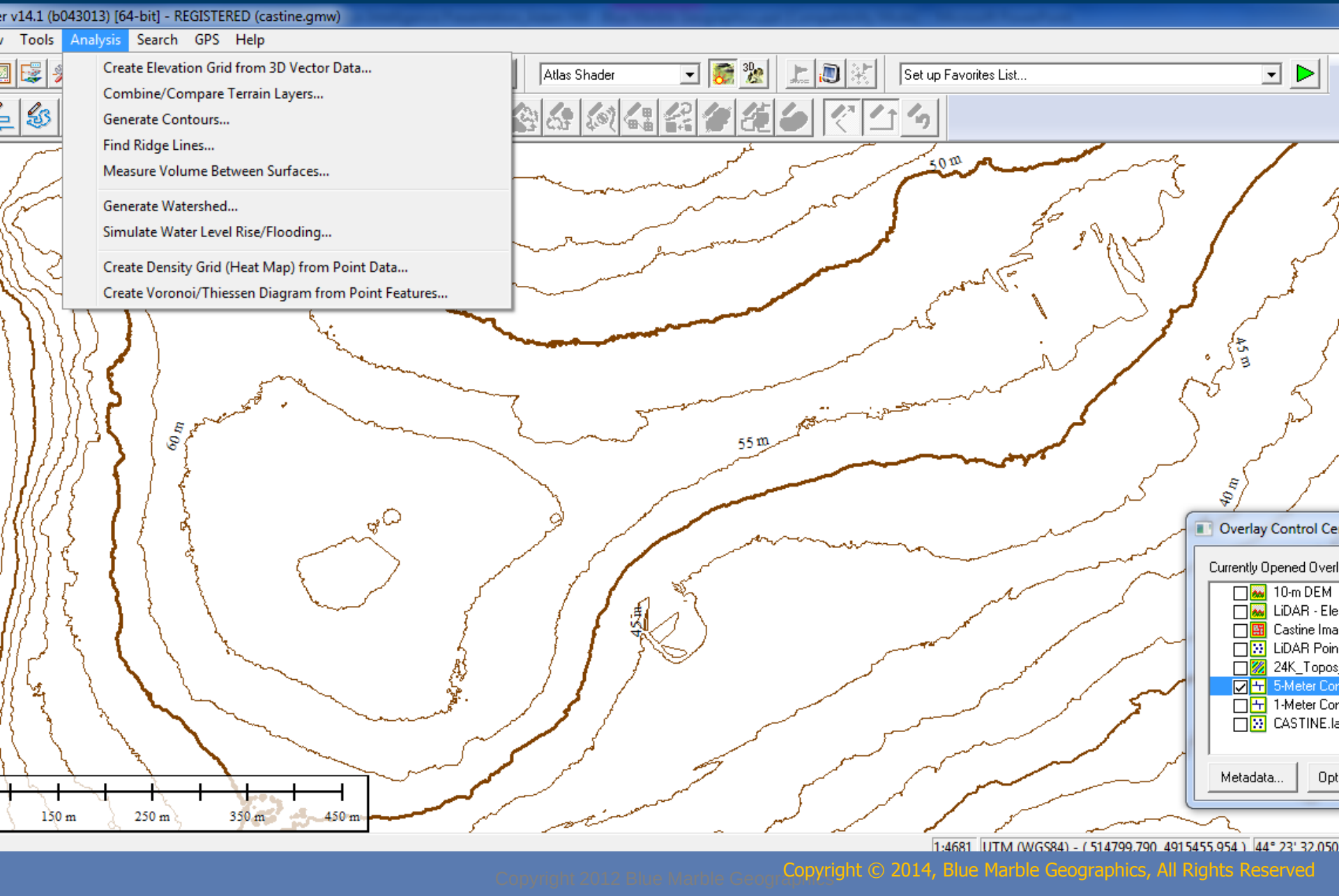

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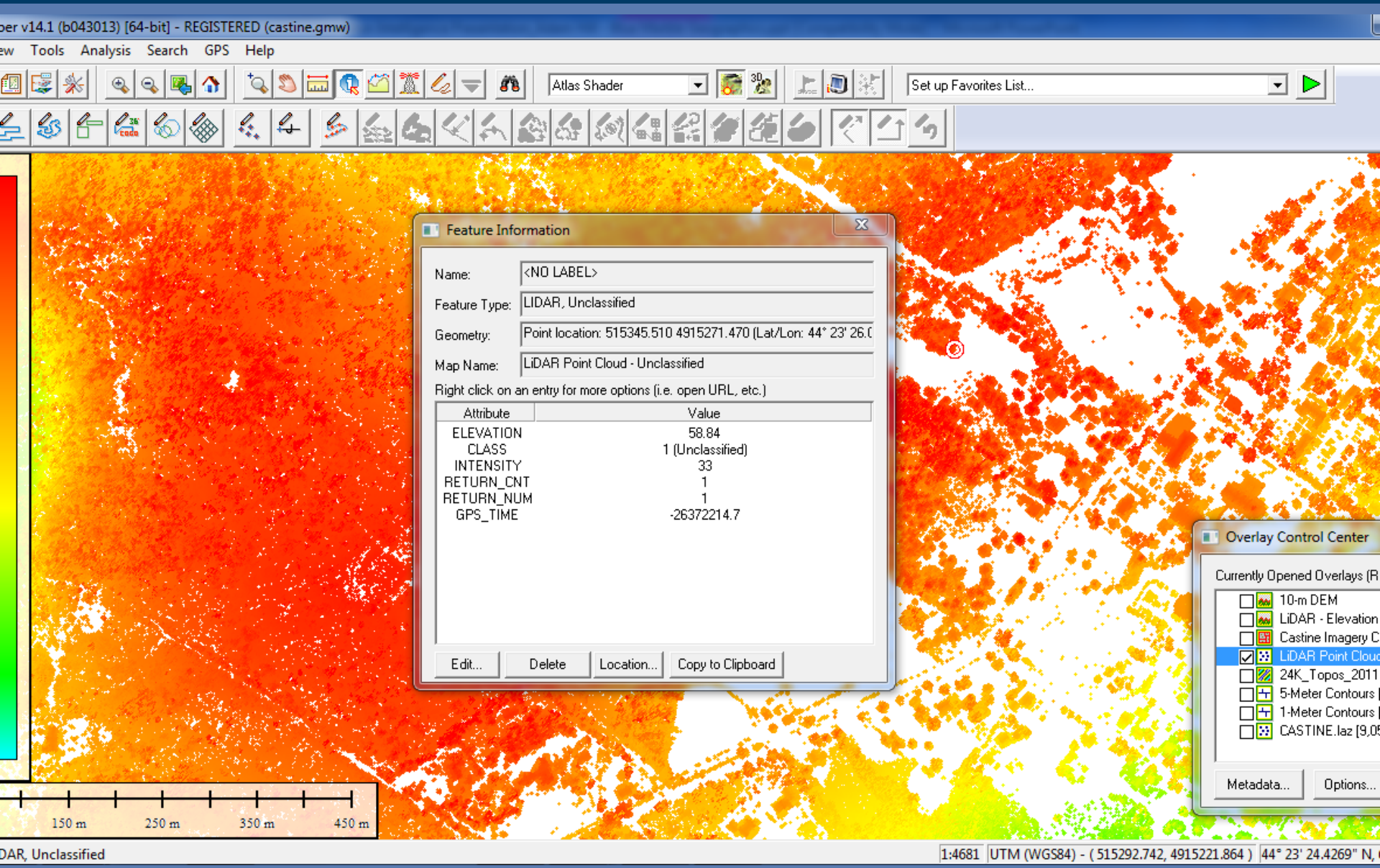

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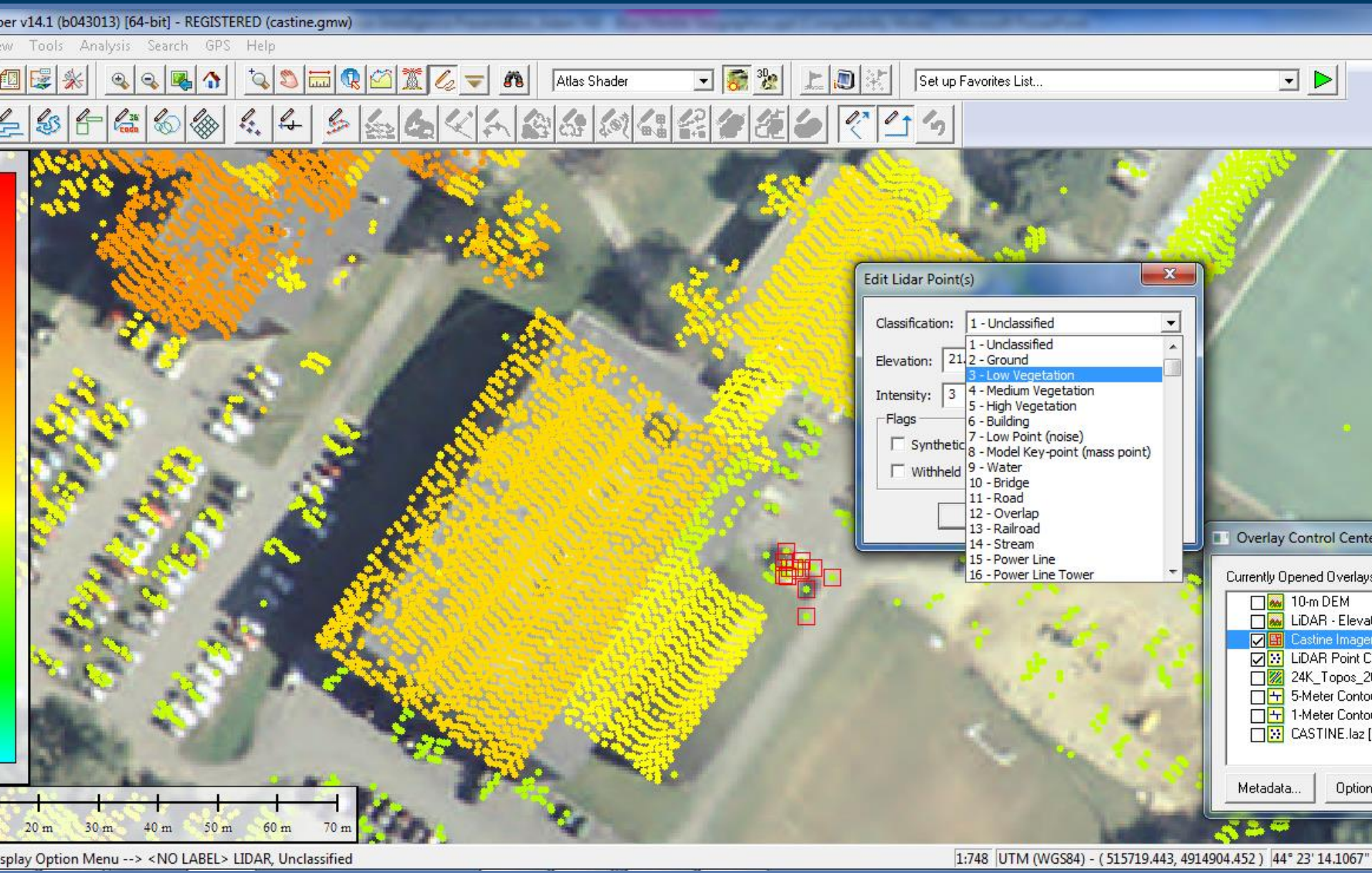
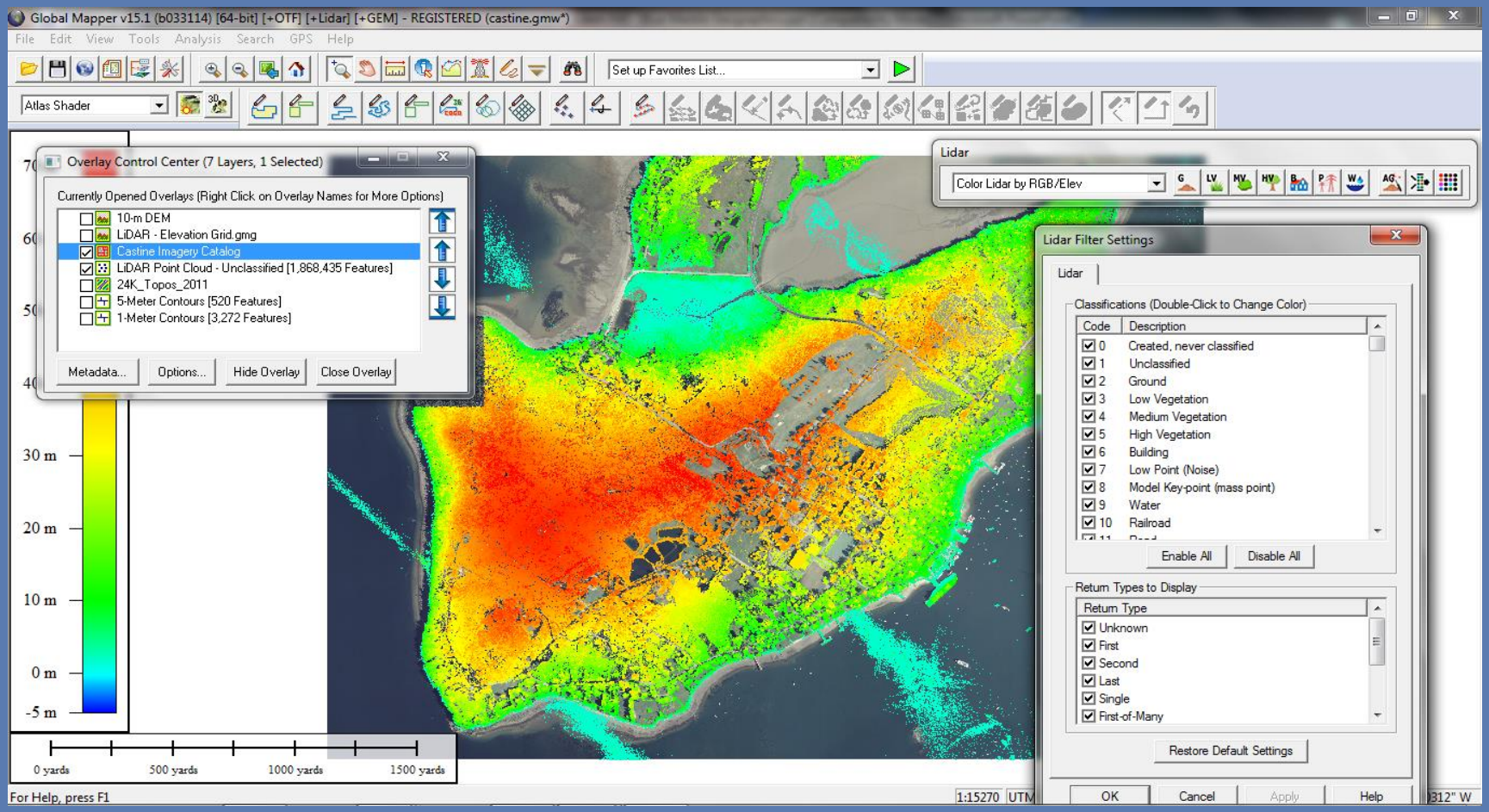


# New Lidar Module Now Available

Global Mapper

Tecnologia GIS ao seu alcance!

Poderoso Módulo LiDAR



# Know Your Data

- LiDAR is widely available
  - Many freely available datasets can be leveraged for rich content extraction & analysis
  - DEM – Digital Elevation Model
  - Generate Contours
  - Line of Sight Calculations
  - Viewshed Analysis
  - Watershed Analysis
  - Flood modeling
  - Global Mapper allows for flexible analysis and offers a variety of features for creating your very own GIS data
- Manual Classification through Digitizer Tool
- Additional Auto-classification functionality is coming soon
- New features built per customer feedback

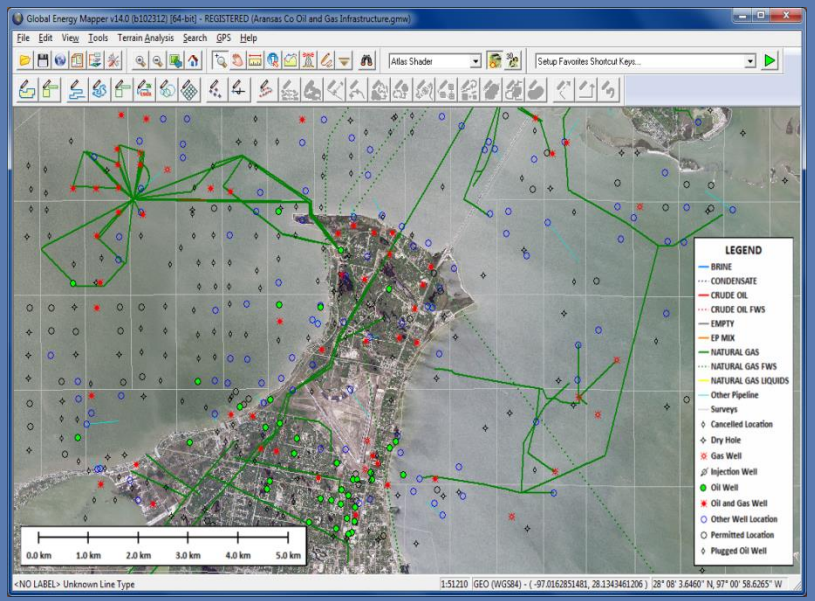
# Free Support & Help Sources

- Free technical support
  - geohelp@bluemarblegeo.com
  - +1-207-622-4622

- Free Webinars
  - www.bluemarblegeo.com/products/webinars
  - Download Pre-recorded Webinars

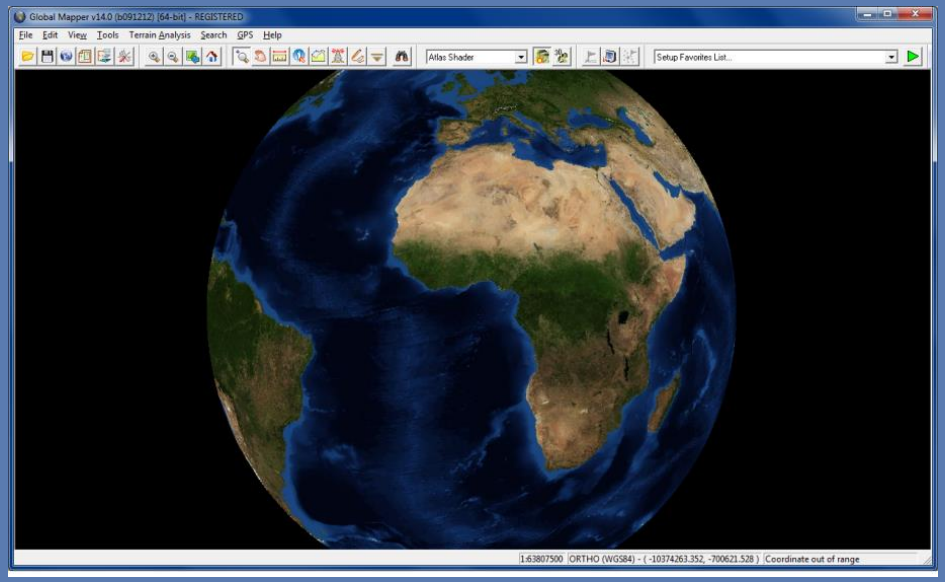
- Software User Manuals
  - Getting Started Guides
  - Extensive Help Documentation
  - **Foreign Language Support**
    - **Portuguese Version Coming Soon**

- GeoPartner Representation in Brazil




EngeSat
Soluções em imagens de satélite

# Questions? Thank You!

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