UNAVCO Geospatial & TLS Software

798 Greg Koltz September 9, 2015 Software 3074

UNAVCO uses and maintains licenses (where appropriate) for the following geospatial and lidar software packages. Follow the links below to learn more about the software and to get details on accessing UNAVCO licenses (as applicable). UNAVCO maintained software license may be available to UNAVCO community members and supported PIs and graduate students - email support@unavco.org for inquiries.

UNAVCO Licensed Software:

- AgiSoft Photoscan (website)
- Applied Imagery Quick Terrain Modeler (website)
- Blue Marble Geographic Calculator (website)
- ESRI ArcGIS (website)
- Global Mapper v.14 (website)
- InnovMetric PolyWorks (website)
- Leica Cyclone (website)
    - Download Cyclone 8.0 x86 or x64: http://hds.leica-geosystems.com/en/Support-Downloads-Cyclone-Downloads_27054.htm
- Riegl RiSCAN Pro (website)
    - To download RiSCAN Pro visit http://www.riegl.com/members-area/ and register with Riegl. Once you are registered you will be able to download the RiSCAN PRO software from the "Members Area".

      NOTE: Once you have registered with Riegl you will not immediately be able to access and download software from the site. This is due to the fact that you are initially given basic access to the members-area. A Riegl employee must manually set the appropiate level of permissions for your new account which could take several days. Once you have been given full access to the members-area you will be able to download RiSCAN PRO

and any of the other software available.

Most of these packages require a Windows OS. Many UNAVCO staff use virtual machines such as Parallels or Virtual Box to allow them to run TLS software on their Mac.

You may request information on obtaining a liscence for any of these programs by sending an email to support@unavco.org.

Beginner level resources (how-to's written by our staff as well as links to tutorials, manuals & video demos) are available for each of these software packages on the User Resources Page.

Free/Open Source Software:

- Google Earth (download here)
- LAStools (download here)
- OSGeo4W suite - e.g., GDAL, libLAS, QGIS, etc (website)

For a more comprehensive list of geospatial and lidar software being used by the Earth science community, please visit the OpenTopography Tool Registry.

Online URL: https://kb.unavco.org/article/unavco-geospatial-tls-software-798.html