

ETWG Elevation Focus Group

The Elevation Focus Group is looking to collate data, information, tools and tricks on both terrestrial and bathymetric elevation topics.

Please see the information provided on the [ETWG 'home' page](#) for more information

Terrestrial Elevation Section

This section focuses on elevation data collected ABOVE the water surface- traditional DEMs, topographic lidar, radar, and other data collection instruments

- A lot of information for topographic lidar has already been collated on the [USGS lidar science collaboration page](#)
- The focus here will be on applications/tools/tricks for earth sciences.
- Data can be found here: http://nationalmap.gov/3DEP/3dep_prodserv.html
 - Raster
 - 1 Arc Second (30m)
 - 1/3rd Arc Second (10m)
 - 5 meter (Alaska lfsar)
 - 1 meter DEMs
 - Lidar point cloud
 - TIN
 - Contours
- Algorithms for topographical analysis

Topo-bathy lidar Section

This section focuses on green-laser airborne lidars specifically- topo-bathymetric lidar collections. Share data, information and methodologies for merging datasets together. We have a [discussion forum](#) and a [file sharing](#) child page.

Bathymetric and Topobathymetric Data Inventory

This section is focusing on collating bathymetric data that has been collected by PIs at various water science centers. The goal is to eventually build a clearinghouse of bathymetric data, whether from multi-beam or profiling acoustic methods, GPS transects across streams, or other data collection modalities. We have a [discussion forum](#) and a [bathymetric data inventory](#).