

Exporting Data to a LandXML file

The purpose of exporting LandXML files is to provide the user with the capability to export various file formats used in Carlson software and make them available to users of various software packages such as Autodesk Civil3D® and others. The LandXML file is an XML-based format used to store and exchange civil engineering and survey data. It is widely adopted for tasks such as terrain modeling, road design, and cadastral surveys. The format supports various data types, including alignments, parcels, surfaces, and observations, making it a versatile tool for infrastructure projects.

Instructional Steps

1. From the menubar File>Export<LandXML (see Figure 1)

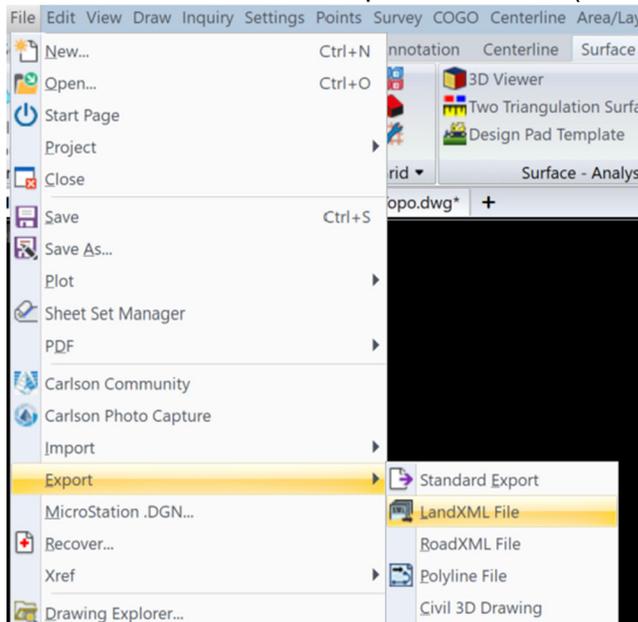


Figure 1 Menu Structure for Export Command

2. The next dialog box that appears allows the user to select the name of the XML file. Recommend giving a name and location that will later be retrieved. Click *Open*.
3. The *Files to Export...* dialog box appears. For most usage (unless user knowledge informs otherwise) click the *Selected Data Files* button. The next dialog box appears.
4. From the *Export to LandXML File* dialog box use the ADD button on the lower left to select the desired files for export (ie. .tin, csv, txt, dwg, etc.). See Figure 2.

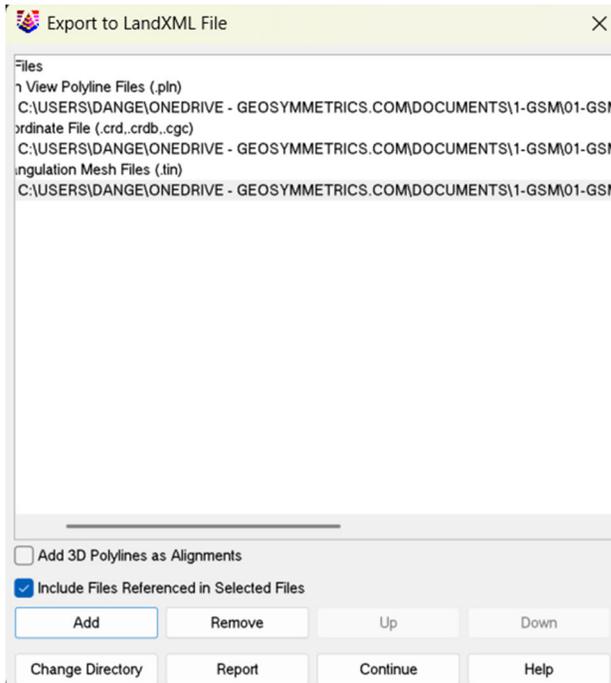
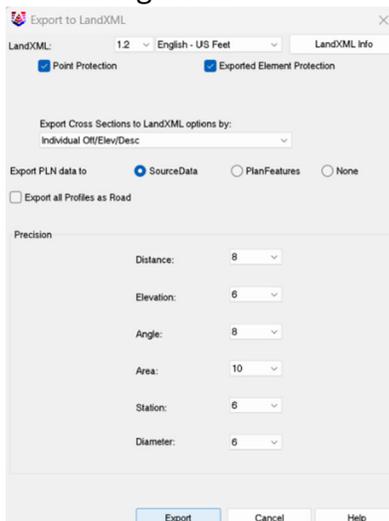


Figure 2 Export to LandXML File

- When finished adding data files click *Continue*. The Export to LandXML dialog appears. See Figure 3.



- After reviewing (revise if necessary, otherwise the defaults work well) click *Export*. Retrieve the newly created .xml file from the directory in which the file was saved.