

## Importing a Google Earth File into Carlson Survey

Sometimes it is helpful to provide a satellite image of a project area for reference when an orthorectified orthomosaic is not available. This guide provide step-by-step instructions on how to import a Google Earth file into a drawing file.

### Workflow Steps:

#### Open Google Earth Pro

(login to your google account so your projects will be saved under your google account).

1. Hover over the *Places* (left navigation panel) and add a folder (name the folder your project number/name). See Figure
2. Navigate to the desired project site and its surrounding area
3. Click on *File>Save>Save Image...*

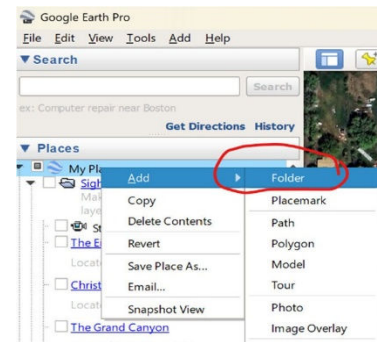


Figure 1 Adding a Folder to Google Earth Pro

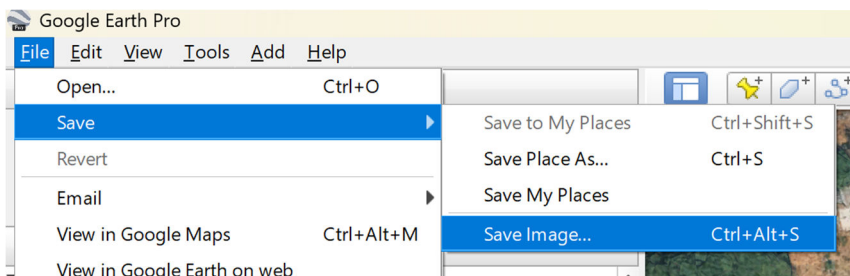


Figure 2 Google Earth Pro Save

4. Ensure the area being shown in Google Earth Pro is the desired area (if not make adjustments prior to saving) to be shown in the drawing file. Click *Save Image...* to a file folder that can be retrieved.

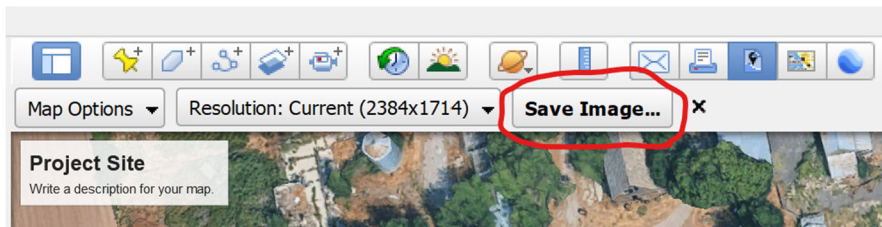


Figure 3 Save Image...

5. Hover over the newly created folder and right click> Add>Image Overlay. See Figure 1.
6. Browse to the folder and file of the previously saved image completed in Step 5. It is also possible to scale the opacity of the saved image. (However, this can be done later in Carlson Survey. (see *QRG\_GSM Images.pdf*)

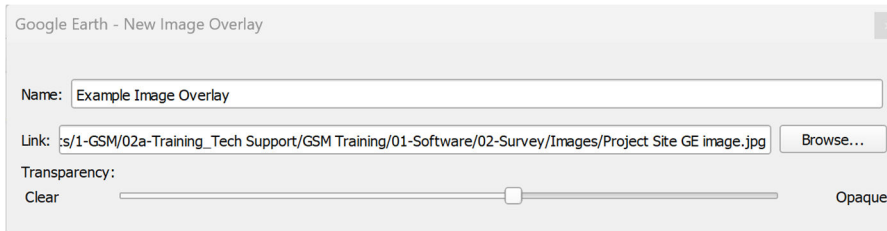


Figure 4 Browse to Image

7. Hover over that newly created folder and using the right mouse button *Save Place As*. Name this .kmz file as desired and place in a retrievable folder.

**Launch Carlson Survey** (open a new drawing).

8. Navigate to Settings>Drawing Setup
9. Ensure the drawing projection (midway down the dialog box Coordinate System) encompasses the desired project site in the desired projection.

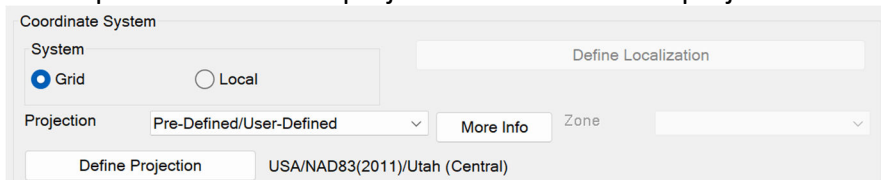


Figure 5 Set Drawing Coordinate Projection

10. Navigate to File>Import>Google Earth File. See Figure 6.
11. In the *Import from KML/KMZ* dialog box, ensure that the path is set correctly along with the desired layer and other parameters based on desired import. See Figure 7. Click OK.

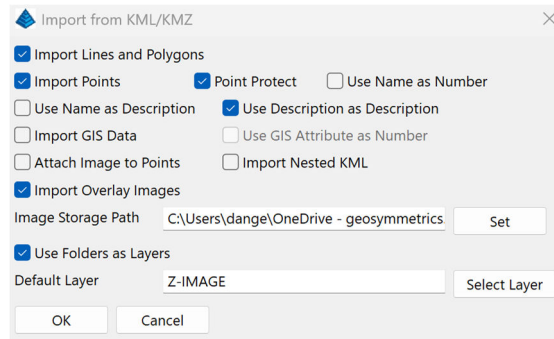


Figure 7 Import from KML/KMZ

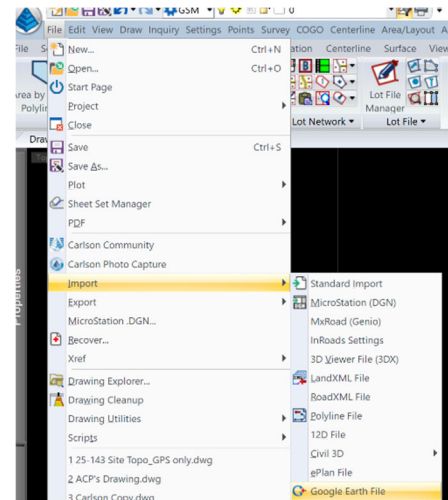


Figure 6 Import Google Earth File

12. The browse for Google Earth File (KMI/KMZ) dialog box will appear followed by an identification of the .CRD file (if one has not been assigned to the drawing yet). Locate the requested file(s) and click OK.
13. The image should appear in the desired location. If the image is the only element in the drawing a Zoom>Extents may be required. The image outline maybe the only visible element, if so, then click on the outline.
14. Navigate to Image Manager on the ribbon (which appears when an image is selected). Set the fading and other parameters as desired (see *QRG\_GSM Images.pdf*).