

Procedure for exporting shapefile photopoint data with linked photos to Google Earth using **Export to KML Extension** in ArcGIS

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1. Follow the instructions to geocode the photos using **RoboGeo** if you wish to have the coordinates of your photos stamped on the photos.
2. Resize the photos to about 320 pixels at the longest edge (320p wide for landscape or tall for portrait). I use a program called **ACD See Photo Editor** to batch resize large numbers of photos.
3. Open an ArcGIS project with your photopoint layer loaded and add the **Export to KML Extension**
4. Click on the **Export to KML Extension** and take the following steps:
 - a. Select your photopoint layer - make sure the attribute layer has the photo file names in one field.
 - b. Select the attribute for labeling
 - c. Indicate the name and location of the output KML (make sure to save the kml to the same folder where you have the resized photos or one level up)
 - d. Click on the **Options** button
 - e. On the Export Options tab, select the correct options and enter a KML Description if you wish
 - f. On the Labeling and Description Options, select the correct options and an attribute for naming each feature (should probably be the same as the attribute you chose for labeling on the main dialog)
 - g. In the Feature description expression, add all the attributes from the photopoint layer that you want to be displayed alongside the photo
 - h. Include a line with the code ``
 - i. Save the Feature description expression as html and edit it using an html editor (such as **Macromedia Dreamweaver**) if you want to add tables, etc. to better organize the output. This dictates how the photopoint data and photo will appear in the Google Earth "balloon" when you click on a point
 - j. On the Database Schema Options tab, choose whether to export a GIS database "schema" to the KML file and choose specific attributes
 - k. If your data has a timeline that you would like to use in Google Earth (you have to have a date/time attribute in your photopoint layer), go to the Time Options tab and select the appropriate attributes.
5. Close the Options Dialog and click OK to create the KML file.
6. Open Google Earth and select File -> Open to browse to the KML file you just created. You can make additional changes to the KML options within Google Earth (setting the view area for the file, choosing label markers, etc.) Just be sure to save the KML file to the original location where your photos are stored.

Online Help: Export to KML documentation: <http://tiny.cc/wY8MV>
Export to KML download: <http://arcscripts.esri.com/details.asp?dbid=14273>
ACD See Photo Editor: <http://www.acdsee.com/>