



ArcPhoto Setup and Overview

Abstract

This document covers the setup and basic features of ArcPhoto in ArcMap to prepare it for use with photos from an Oregon 550(t) or other geo-tagged photo source.

Details

Setting Up ArcPhoto

ArcPhoto is an ArcMap extension that was deployed to all ArcMap workstations in Indiana. It consists of a special ArcMap toolbar that can be activated by the user. The toolbar has a number of useful functions for viewing geo-tagged photos and information about them in ArcMap.

1. Start an ArcMap project. This could be done by opening a new template, an existing MXD project, or a blank project.

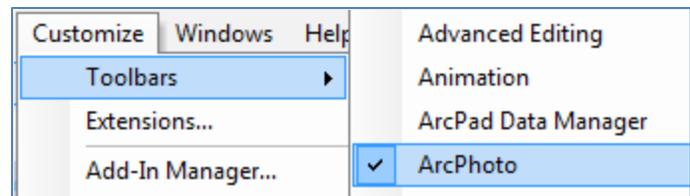
Note: If you started a blank project then you will have to add data to it before proceeding further.

2. If the ArcPhoto toolbar (pictured to the right) is not present in your ArcMap project, it needs to be activated. Proceed with step #3 to activate the toolbar if it is not present. If already present, you can skip to #5 to adjust ArcPhoto settings or you can skip to another guide to start using the features of ArcPhoto.



3. Click the **Customize** menu and **highlight Toolbars** →. A list of toolbars will be displayed. ArcPhoto should be in the list. Click the name *ArcPhoto* once to place a check mark next to the name and turn on the toolbar.

Note: If ArcPhoto is not present, you should contact your IT specialist to request a manual install of ArcPhoto 1.5.3 or the latest approved version.



4. Once the ArcPhoto Toolbar is active, it can be moved around the screen or docked alongside any other toolbars, just like any typical ArcMap toolbar.
5. The last button the ArcPhoto toolbar can be opened to adjust the ArcPhoto settings. The following settings are recommended.

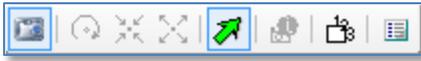


- Maptip tab: No changes; accept default settings.
- Photo Container tab: Uncheck the box for “Zoom to Selected Photo(s)”
- Photo Properties tab: No changes; accept default settings.



ArcPhoto Toolbar Button Descriptions

The buttons available on the ArcPhoto toolbar are:



Show/Hide ArcPhoto Window – This button opens a viewing pane alongside the map window which will be a workspace for managing our photos.



Allow Rotation of Photo Element – This button lets the user rotate the displayed viewing direction of the selected photo. It's useful if the apparent bearing of the photo is wrong, possibly from a poor compass reading on the unit when the photo was taken.



Adjust Photos to Center – This button is used to set the photo view angles of many photos from a single point outward, such as to create a series of angles that would reflect a panorama. Not recommended for our uses.



Adjust Photos to Target – This button is used to set the photo view angle of many photos to one target such as when circling around a single feature with many pictures. Not recommended for our uses.



Show ArcPhoto Locations – While active, this button will add a temporary layer to the map that shows the sites at which the pictures in the current ArcPhoto window were taken and the direction faced for each photo. When deactivated, the temporary layer is removed from the map.



Show Photo Tooltips – Only available when Show ArcPhoto Locations is active. While this button is also active, the user can use the mouse cursor to hover over the shown location points to see a thumbnail of the image associated with that point.



Batch create photo elements from selected features – Not used in these guides.



Adjust ArcPhoto Settings – Opens the ArcPhoto settings window. See the *Setting Up ArcPhoto* section for details.