

Viewing Planet Images in ArcPro

Mapping with high resolution imagery

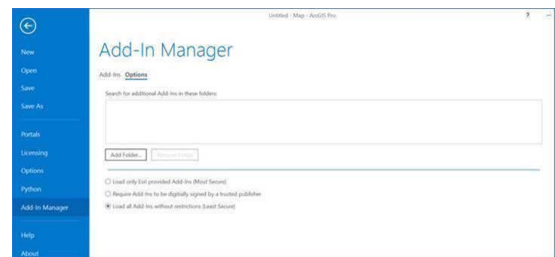
Background

Planet Basemaps is the monthly mosaic web service. This service allows staff to view the Planet Mosaic catalogue in ArcPro as a Web Map Tile Service (WMTS). You can access all your planet imagery directly in ArcPro.

Setup

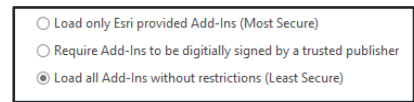
To view Planet imagery in ArcGIS Pro please follow these instructions:

1. Install Planet Addin For ArcGIS Pro 2.2 from the software centre: (<https://learn.planet.com/ArcGIS-TY-Landing-Page-Non-Planet-User-2021.html>)
2. In ArcPro > Project Tab > Add-in Manger > Options >
3. The Addin is generally downloaded to:



C:\Users\username\Documents\ArcGIS\AddIns\ArcGISPro\{232431fe-6db9-4d83-84bc-2ee7d7f55205}\Planet-ArcGIS-Add-In-V2.esriAddinX. When you have found this > Add folder

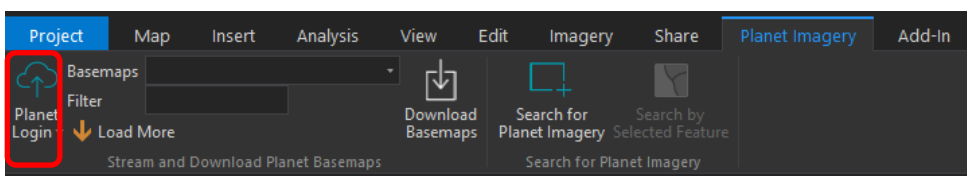
4. Additionally, click on Options in the “Add-in Manager” section. To ensure that either option of “Require Add-Ins to be digitally signed by a trusted provider” or “Load all Add-Ins without restrictions (Least Secure)” is selected, as the Planet add-in is not an official Esri Add-in product



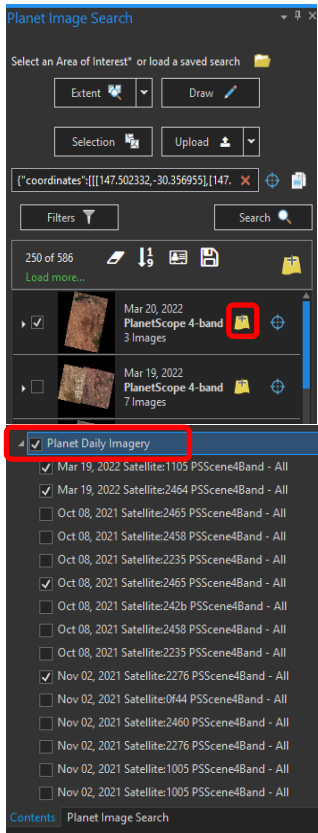
Note: A restart ArcPro is required to initiate changes.

Adding Imagery

After an ArcPro restart, a “Planet Imagery” tab will be visible on the Ribbon – you will need to login to Planet via the Planet Login icon on the far left of the Planet Imagery Ribbon



To access WMTS for daily images, use the ribbon to perform a search:



1. Click “Search for Planet Imagery”, then draw your area of interest
2. A Panel will appear on the right-hand side
3. Select an area of interest by options provided: Extent, Draw, Selection or Upload
4. Filters include date range and image type
5. Select Search – a list of images will appear within the Planet panel
6. Hovering over images will display the extent of the images.
7. To view images in map view, click the ‘Add images to Map’ icon
8. Select the Contents tab to view images
9. Planet Daily Imagery will appear
10. Click on images to display

Additional Instructions

Can be found in the Planet training materials:

Download the Add-In here: <https://learn.planet.com/new-arcgis-v2-ty.html>

Install the Add-In according to standard Esri directions: <https://pro.arcgis.com/en/pro-app/get-started/manage-add-ins.htm>

Further Information



Science Division, Spatial Imagery Services Team are responsible for the administration and management of Planet in DPE.

For enquiries email spatial.imagery@environment.nsw.gov.au

Or contact Sue Rea Sue.Rea@environment.nsw.gov.au

0266 402577