



# Walkthrough - Uploading GeoTIFF Images for Analysis

One of the main benefits of Asphalt Intelligence InSight Pro is the ability to upload user provided aerial or satellite images to be used for analysis. While the default aerial imagery used by InSight is available, sometimes specific resolutions or time periods are needed for analysis, and this is where InSight Pro is helpful.

The steps to upload custom aerial and satellite imagery for analysis are summarized below:

1. Navigate to the Asphalt Intelligence homepage, click on the **menu** button (icon)
2. Click on **InSight Pro**



3. Select Upload New Image (or Use Previous Image Upload if analyzing an image previously uploaded)



# Walkthrough - Uploading GeoTIFF Images for Analysis

## SELECT AN OPTION

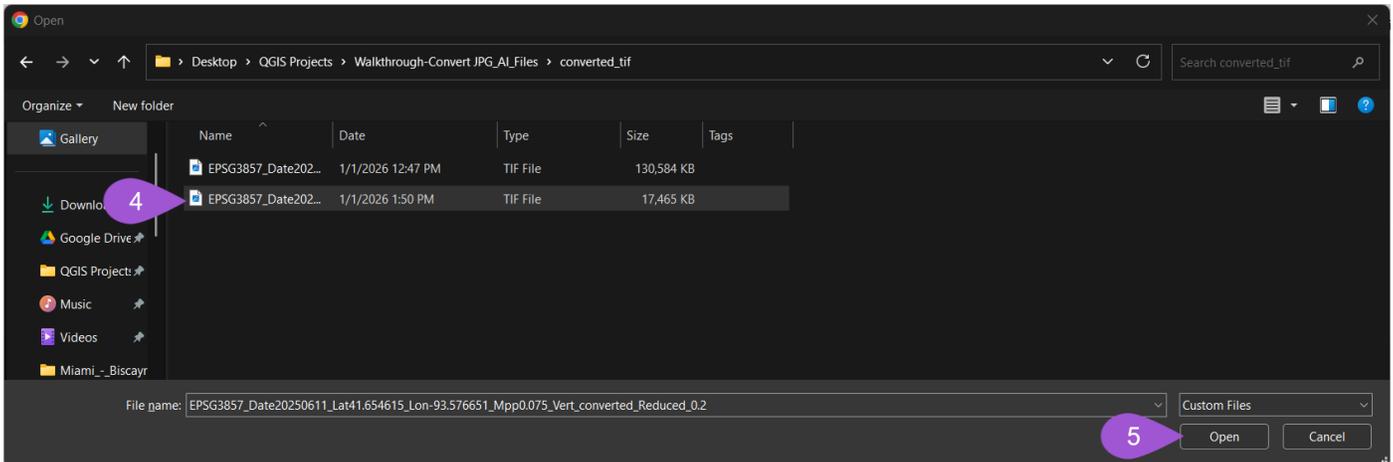
Would you like to upload a new image or reuse a previous upload?

3

UPLOAD NEW IMAGE

USE PREVIOUS IMAGE UPLOAD

4. Click the **image** to upload, ensuring it meets all the **requirements** for Asphalt Intelligence:
  - a. Maximum image size: 50 MB
  - b. Image format: GeoTIFF (.tif)
  - c. Image Geographic Coordinate System: EPSG 3857
5. Click **Open**



6. Click Upload & Process



# Walkthrough - Uploading GeoTIFF Images for Analysis



Asphalt Intelligence

## UPLOAD NEW IMAGE

Upload a GeoTIFF (EPSG:3857). Size limit 50 MB. Recommended resolution 10–30 cm/pixel. Have a different file extension or size? [Download the QGIS Starter Project](#) or check out the [Training Guide](#) to preprocess your image first.

### Image File

Choose File

EPSG3857\_Date20250611...onverted\_Reduced\_0.2.tif

Only EPSG:3857 GeoTIFF files are supported.

6

UPLOAD & PROCESS

CANCEL

- The image now shows up in the InSight Pro viewer overlaid onto the background map. The analysis tools can now be used to draw a new polygon for analysis

NAVIGATE TO THE LOCATION YOU WANT TO ANALYZE. DRAW A POLYGON — THE APP WILL ZOOM, CAPTURE A SCREENSHOT, MASK IT, AND PROCESS AUTOMATICALLY.

Search place or coords (41.6,-93.6) SEARCH

Show street/place labels

ZOOM TO DRAW POLYGON START OVER

Previous Polygons (last 5)

- Miami - Ramp
- Miami - Ramp
- Miami - Tuttle
- Miami - I-195
- Miami - Biscayne