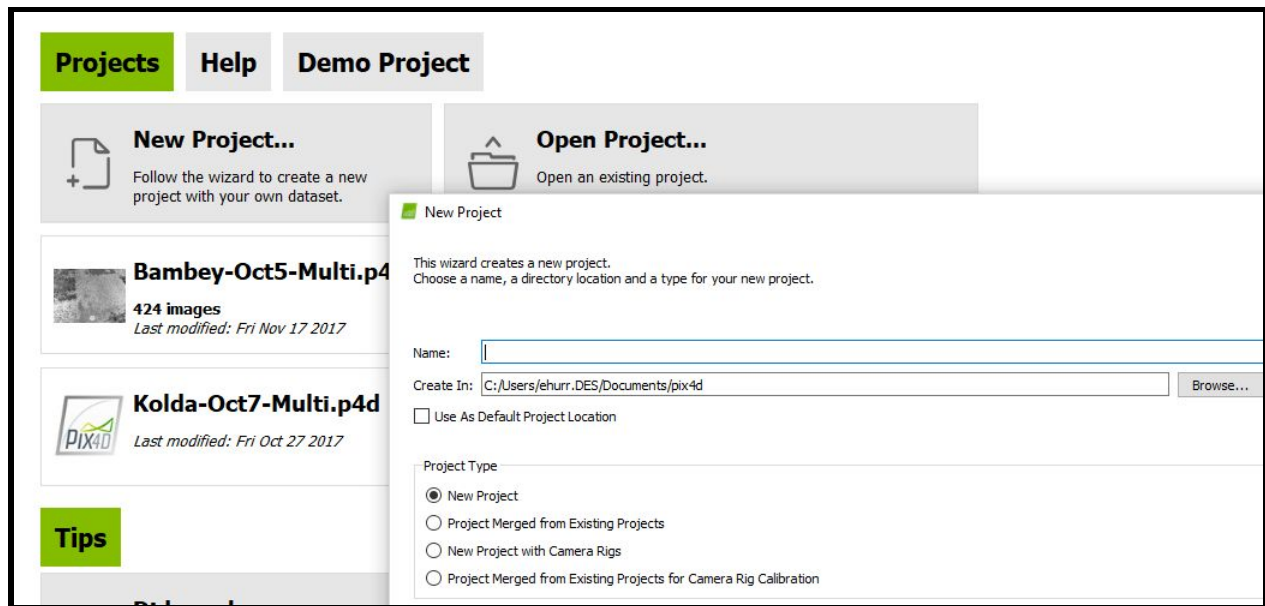
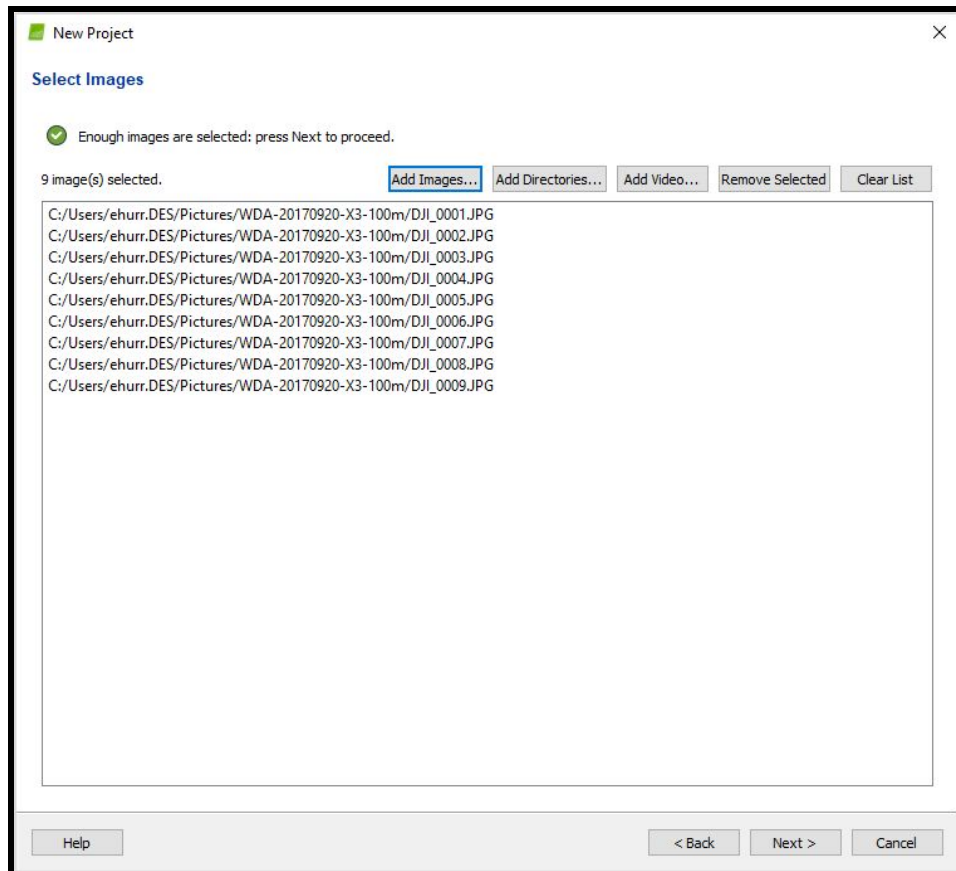


Post Processing with Pix4d and Ground Control Points

- 1) Open Pix4d Mapper
- 2) Click new Project



- 3) Name the Project
- 4) Select all Imagery from corresponding folder and click next



- a) If the program highlights certain images and says there is an error, click the highlighted image and select "remove selected"
- 5) Review Image Properties and click Next

New Project

Image Properties

Image Geolocation

Coordinate System

Datum: World Geodetic System 1984; Coordinate System: WGS 84 (egm96)

Edit...

Geolocation and Orientation

Geolocated Images: 61 out of 61

Clear

From EXIF

From File...

To File...

Geolocation Accuracy: ☐ Standard ☐ Low ☒ Custom

Selected Camera Model

Sequoia

Edit...

Sequoia_4.0_1280x960 (Green)

Edit...

Sequoia_4.0_1280x960 (Red)

Edit...

Sequoia_4.0_1280x960 (Red edge)

Edit...

Sequoia_4.0_1280x960 (NIR)

Edit...

Enabled	Image	Group	Camera Model	Latitude [degree]	Longitude [degree]	Altitude [m]	Accuracy
<input checked="" type="checkbox"/>	IMG_171007_17...	Red edge	Sequoia_4.0_12...	12.86231632	-14.94546773	85.225	0.885
<input checked="" type="checkbox"/>	IMG_171007_17...	Red edge	Sequoia_4.0_12...	12.86244521	-14.94530338	82.585	0.839
<input checked="" type="checkbox"/>	IMG_171007_17...	Green	Sequoia_4.0_12...	12.86303698	-14.94530424	83.328	0.830
<input checked="" type="checkbox"/>	IMG_171007_17...	Red edge	Sequoia_4.0_12...	12.86392280	-14.94531660	84.388	0.833

Help

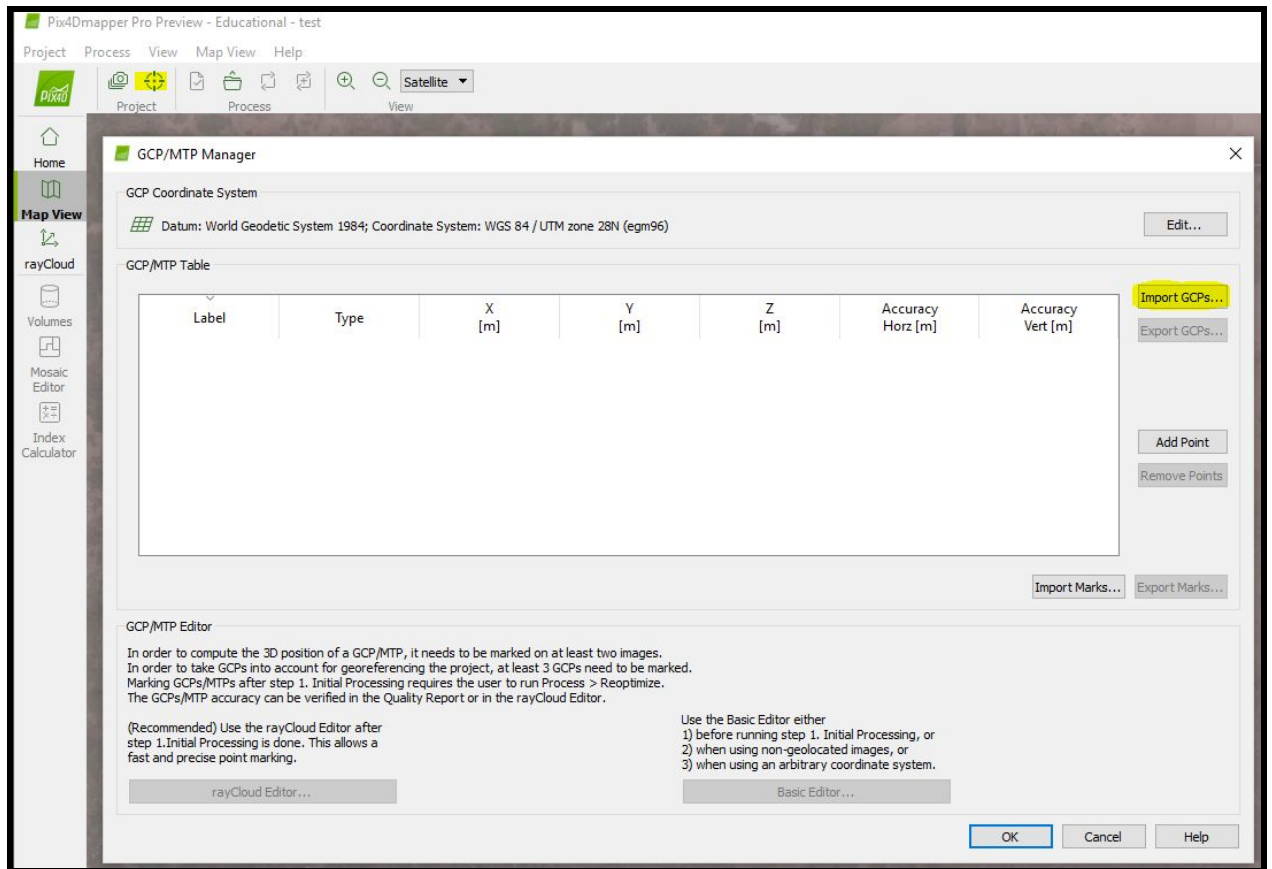
< Back

Next >

Cancel

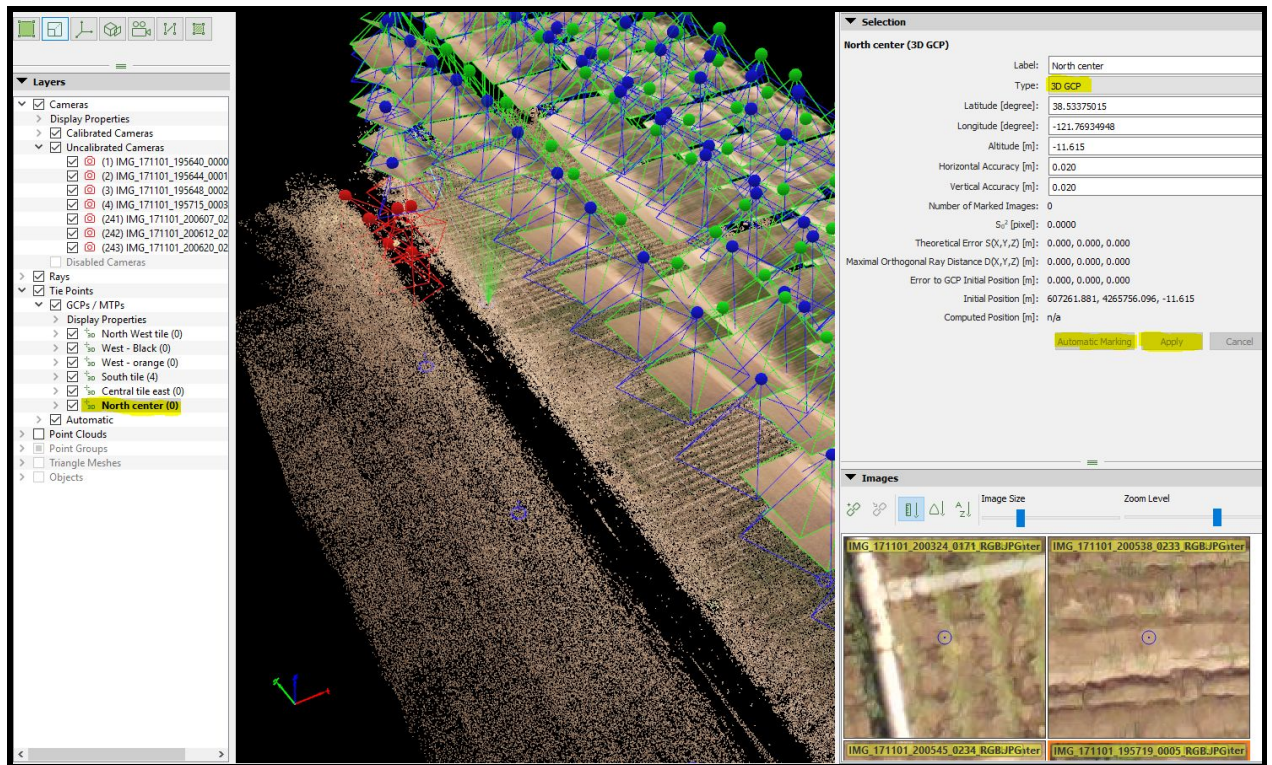
- 6) Review Output Coordinate System and click next
- 7) Select Processing Options Template
 - a) Ag RGB for stock camera
 - b) Ag Multispectral for Sequoia
- 8) Run Step 1 - make sure process all is unselected

- 9) Open GCP/MTP Manager under project drop down menu or by clicking the target icon



- 10) Click Import GCP and select your csv file. (csv files should be in name, lat, long, alt format. See downloading data from KOBO file for more information)
- 11) Click rayCloud Editor

12) Your screen should look something like this...



13) You will now verify at least 2 Ground Control points. Begin by selecting one of the GCPs from the Layers tab. I have selected North Center. (These are the labels given from the imported CSV)

14) In the images on the right hand side is where you will identify GCP. The blue dots is where the program currently thinks the GCP is. Zoom out until you find the true GCP and then select it. Make sure you select the correct GCP as some images will contain more than one of your targets. Be as zoomed in and centered as possible when marking the GCP. The entire yellow circle surrounding your

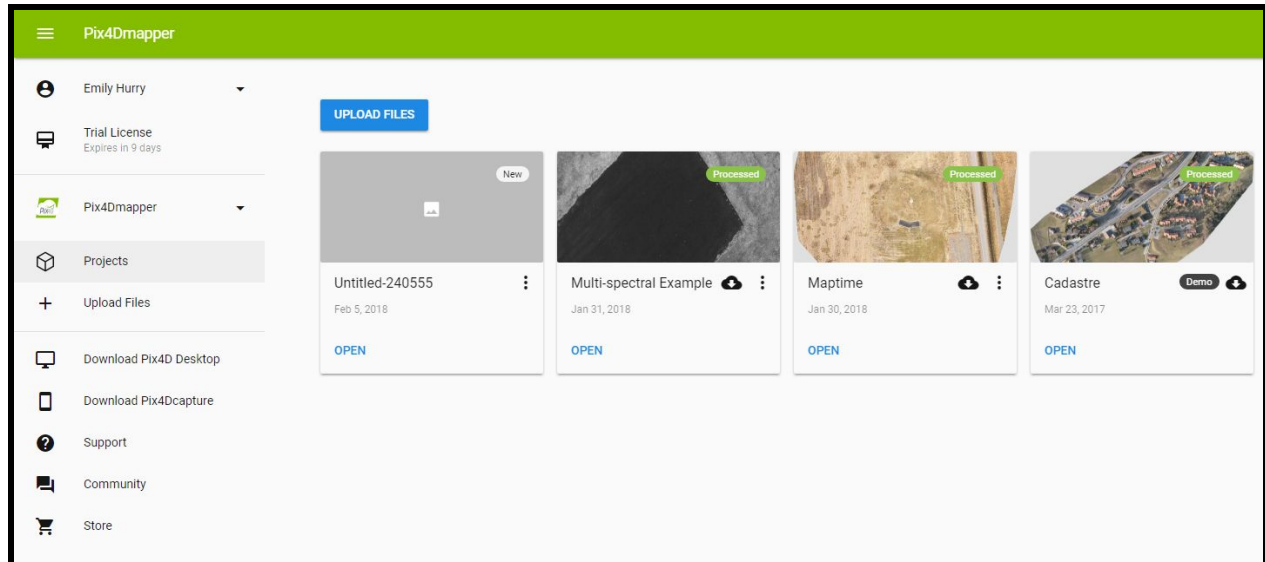
click should still be inside the GCP. The image below is a before and after.



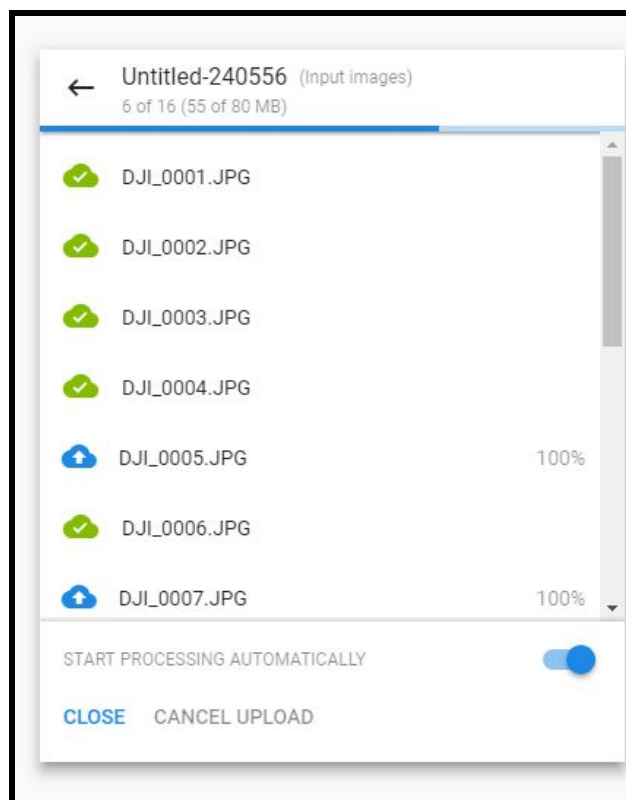
- 15)After identifying at least 2 select automatic marking and then apply.
- 16)Continue for all your GCPs
- 17)Run all the steps of your processing.
- 18)Create a new folder for your results in your drive and upload all your processed files there.

Using Pix4d Cloud

1. Log into your account on <https://cloud.pix4d.com/>
2. Click upload files and upload the example data set.



3. The files will be uploaded and the data will automatically begin processing!



4. You will receive an email when your results are ready and you can explore the data.