

Attachment A5 Photos and Recon Data

Updated 3/31/2015

Required Equipment

- iPad loaded with PhotosInfoPro
- iPad cable to connect to computer
- Computer with iTunes
- EPAOSC.net account with photo uploading privileges
- MiFi for internet access in the field
- Bluetooth GPS (Garmin GLO)

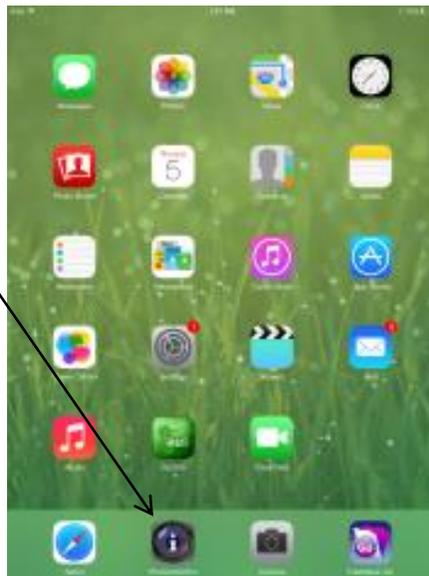
Functions

Search Recon Grids

- Collect specific digital images of targets/areas of interest
- Collect general images or site photos that can be loaded to the viewer to show spatial coverage of reconnaissance

Collect and Process Images

- Take photo using camera on the iPad
- Open PhotosInfoPro app on the iPad

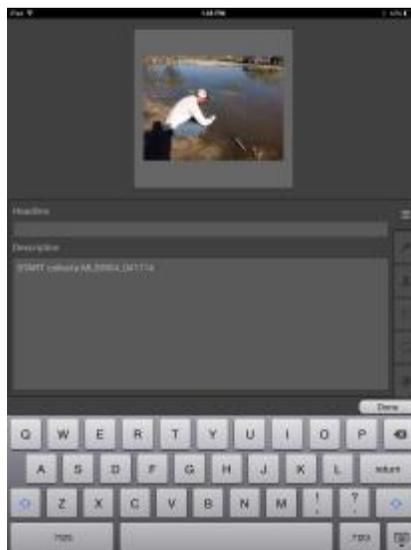


- Select photo to be processed and ensure that latitude longitude were captured

- Select metadata on the top right of the application



- There are four tabs on the right side of the application; Field Teams will modify the top tab displaying a narrative symbol (enter a narrative description) and the second tab displaying a key symbol (enter tags/keywords)

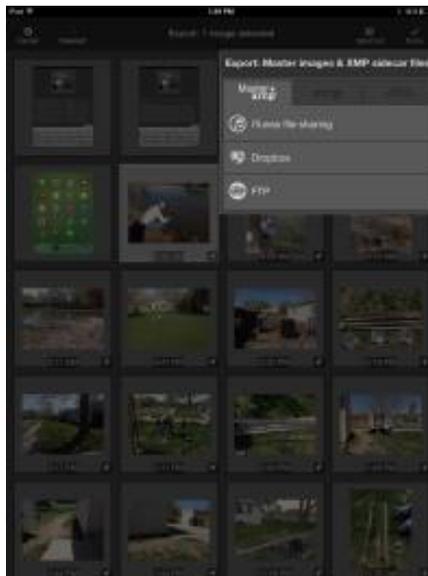


- Note Recon Zone, general site area, or other relevant information in each photo's narrative description

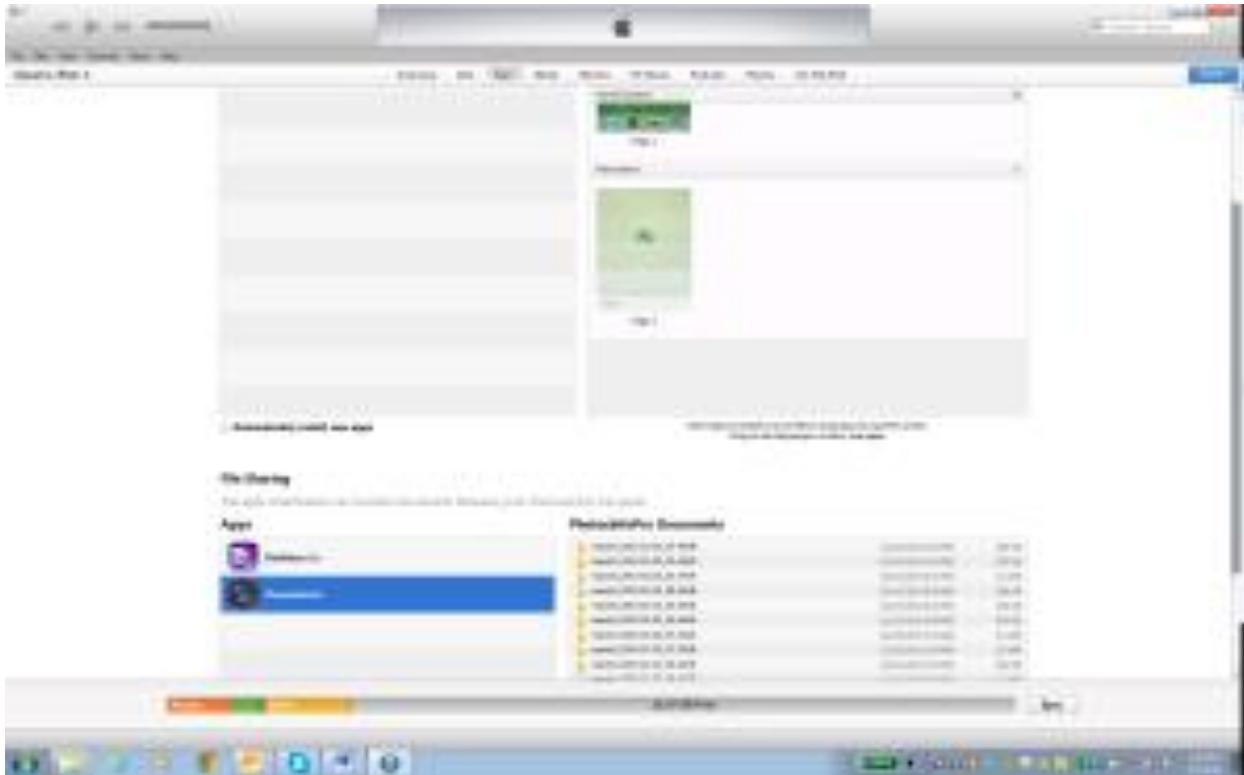
- When ready to upload photos to EPAOSC.org website, open PhotosInfoPro app, select Library which will display all the photos on the iPad



- Select the photos that need to be uploaded to the website and select the Export button on the top right of the app which will display "iTunes File Sharing" "FTP" etc. Select iTunes File Sharing.



- Connect iPad to computer via the iPad cable, open iTunes and select iPad on the top right to view the contents of the iPad, then select Apps from the center of the iTunes screen. Scroll down and there will be an area for "Apps allowing File Sharing," select PhotosInfoPro and the export should show up to the right on the screen. Save the export to the computer.



Upload Images to EPAOSC website

- Login to epaosc.org and go to *Web Sites, Region 9*, and select the appropriate website. Navigate to images page and scroll down to the upload images area. Upload images in batches, and website will pull metadata from photos (date taken, latitude/longitude, category, tags). QA all photos uploaded for accuracy.

Complete Field QA Checklist

- ✓ Verify metadata is pulled from the photo after upload;
- ✓ All fields on website should be populated;
- ✓ Verify that Description and Category correlate with image;
- ✓ Verify that valid values are used for Category and Tag fields;
- ✓ Verify that image is in correct orientation (rotate on computer prior to upload);
- ✓ Check spelling, punctuation, etc. (consistency is key);
- ✓ Check lat/long location by clicking “Find Coordinates” button on website; and
- ✓ After upload, check the viewer to verify that images have been located on viewer with correct symbology.