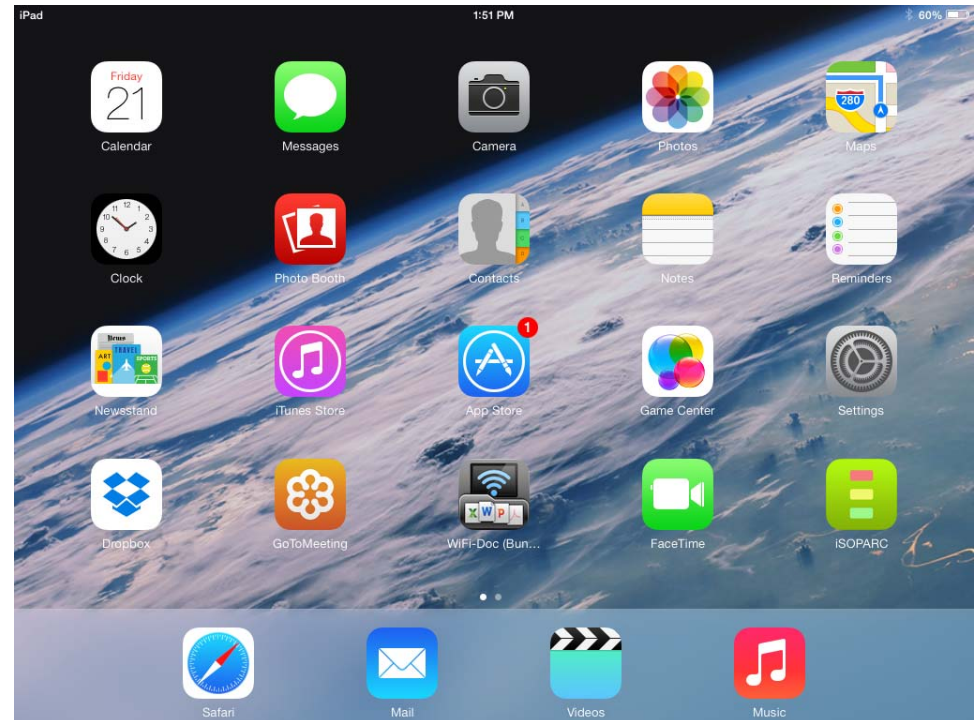
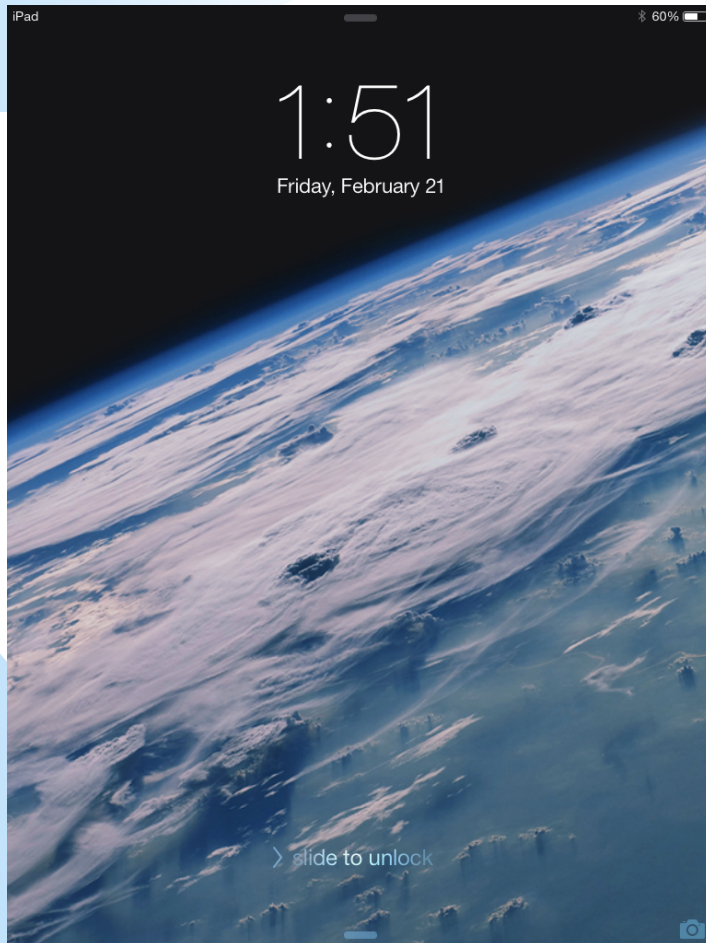


Systematic Observation of Physical Activity Using iSOPARC: An iPad Application for Research and Practice

*Troy Carlton**, *Thomas McKenzie***, *Luis Suau****

North Carolina State University **San Diego State University, *Shaw University*



Agenda

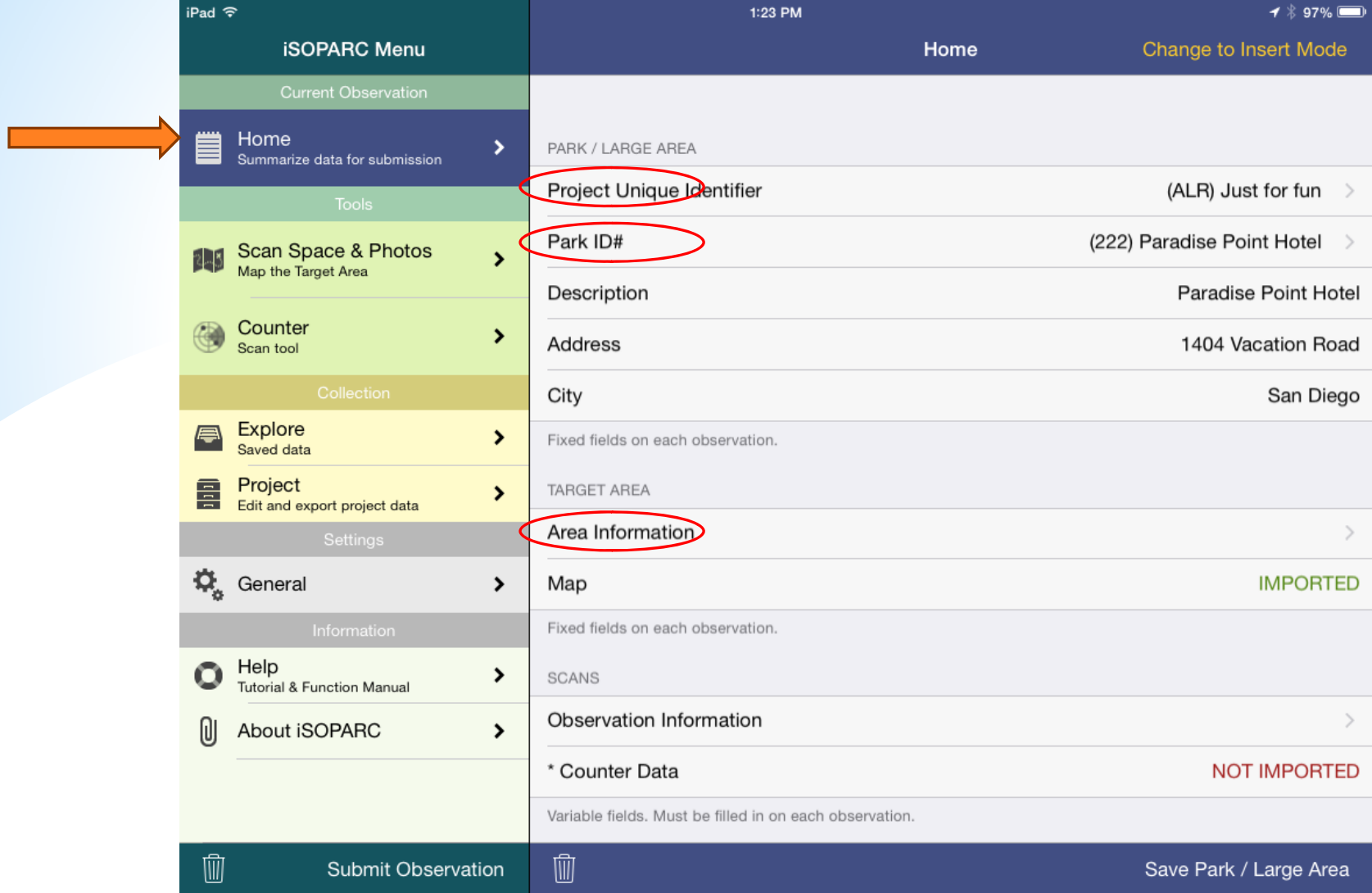
- 3:00 Welcome & Introductions
- 3:05 - 3:30 Systematic Observation (Thom McKenzie)
- 3:30 - 4:30 Using iSOPARC App Step-by-Step Interactive Tutorial
- 4:30 - 4:45 Mid-Session BREAK!
Refreshments in the Foyer.
- Questions and Troubleshooting
- 4:45 - 5:15 Active break to the practice site!
- 5:20 - 5:50 Exporting Data
- 5:50 - 6:00 Wrap Up & Questions



- Basics of the iPad

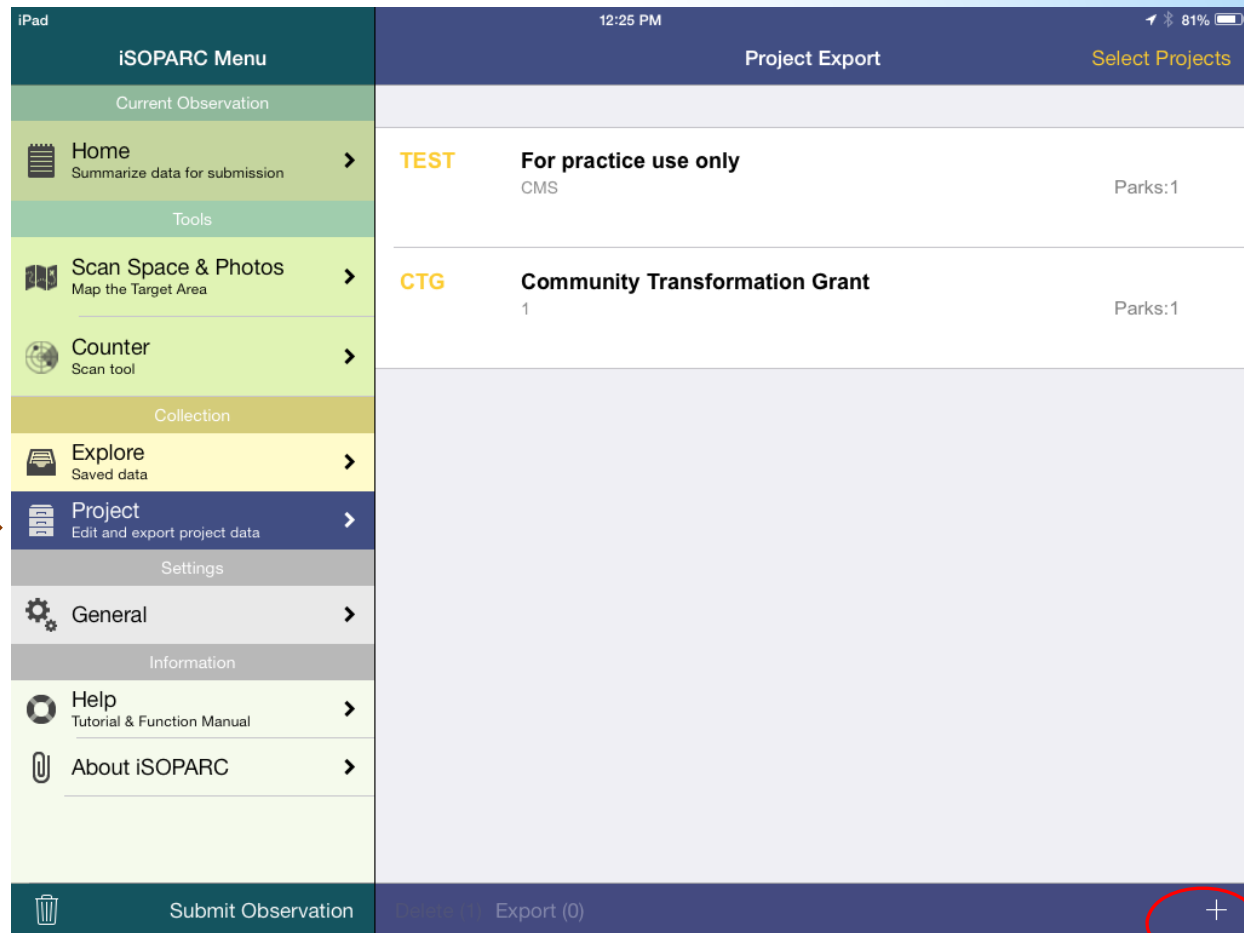
Internet, iSOPARC App





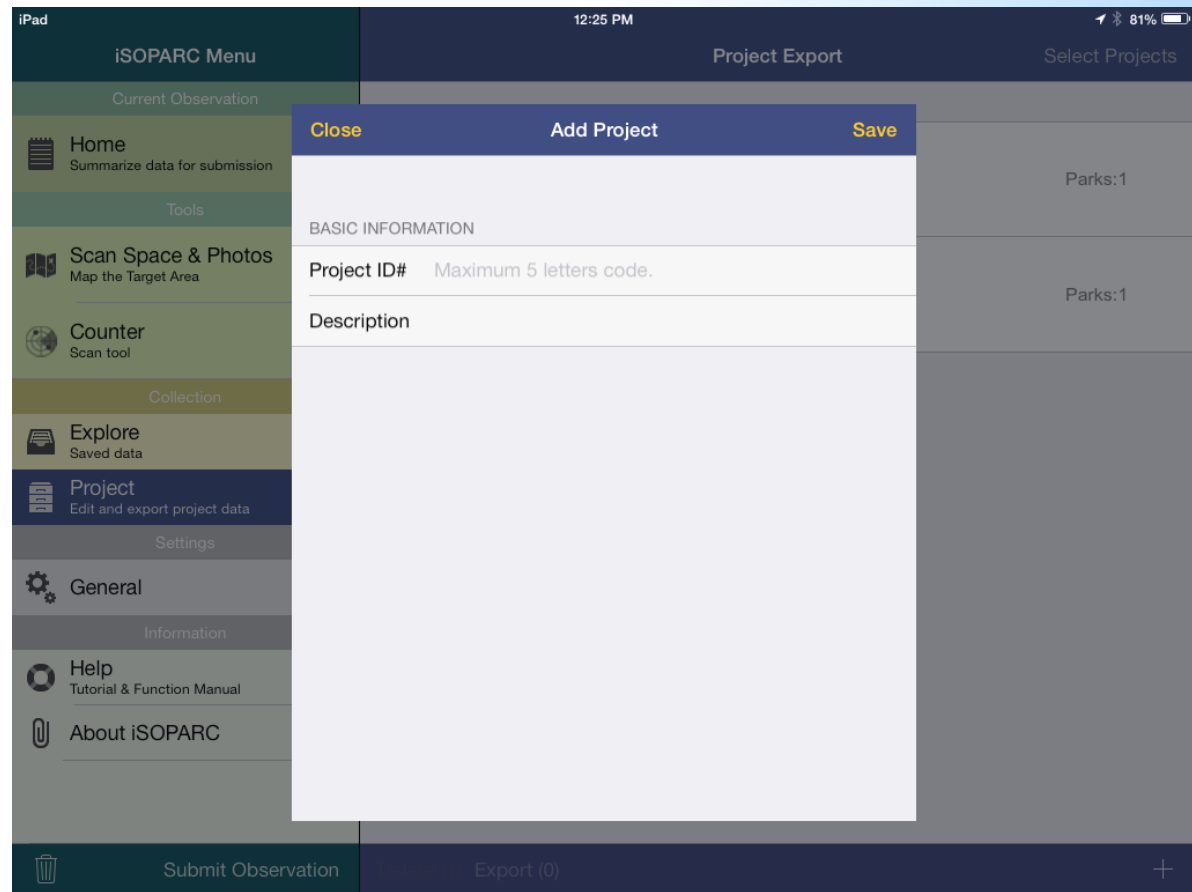
Screen Check!

Project → Park → Target Area



Create a PROJECT

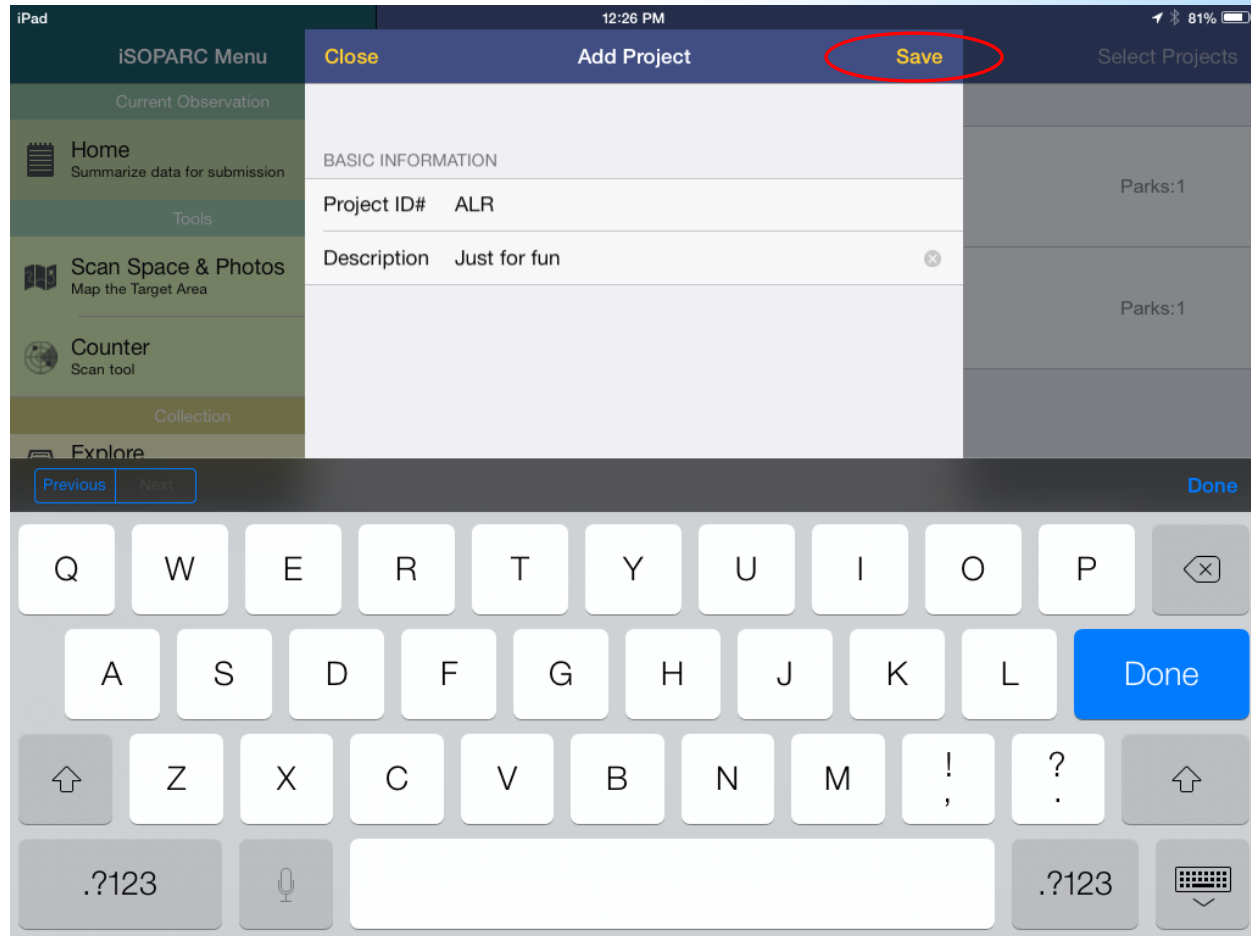
- Small (+) in bottom right hand corner



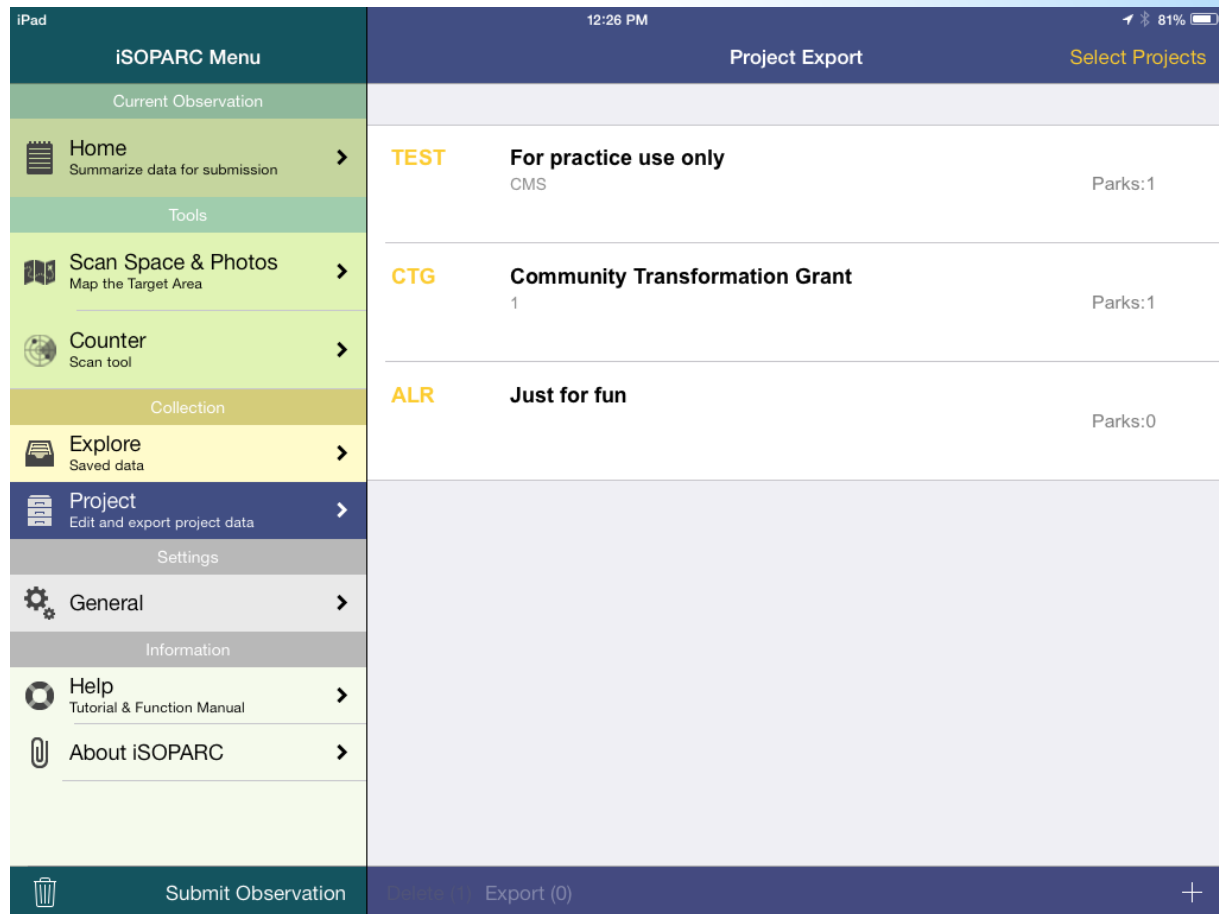
Add Project

Project ID# *ALR*

Description *Just for fun*

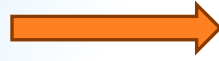


Input Basic Information then click 'Save'.



Now you have a Project!

Next.....go back to your HOME screen.



iPad 12:27 PM 81%

iSOPARC Menu Home Change to Insert Mode

Current Observation

Home Summarize data for submission

Tools

Scan Space & Photos Map the Target Area

Counter Scan tool

Collection

Explore Saved data

Project Edit and export project data

Settings

General

Information

Help Tutorial & Function Manual

About iSOPARC

Submit Observation

PARK / LARGE AREA

Project Unique Identifier (ALR) Just for fun

* Park ID#

* Description (ALR) Just for fun

* Address (TEST) For practice use only

* City (CTG) Community Transformation Gr...

Fixed fields on each observa

TARGET AREA

Area Information

* Map NOT IMPORTED

Fixed fields on each observa

SCANS

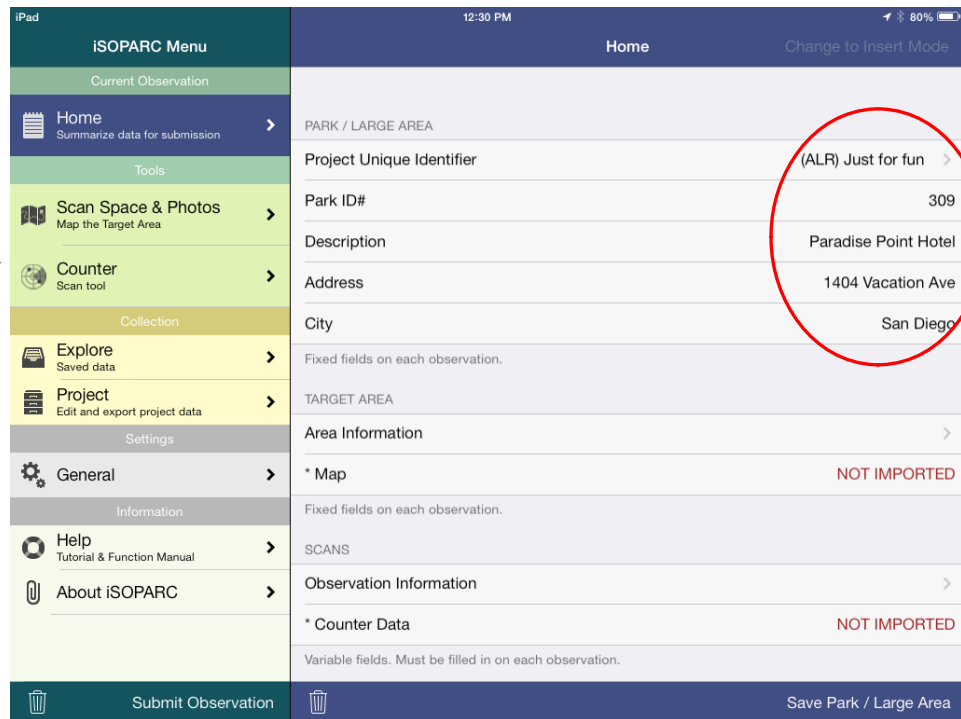
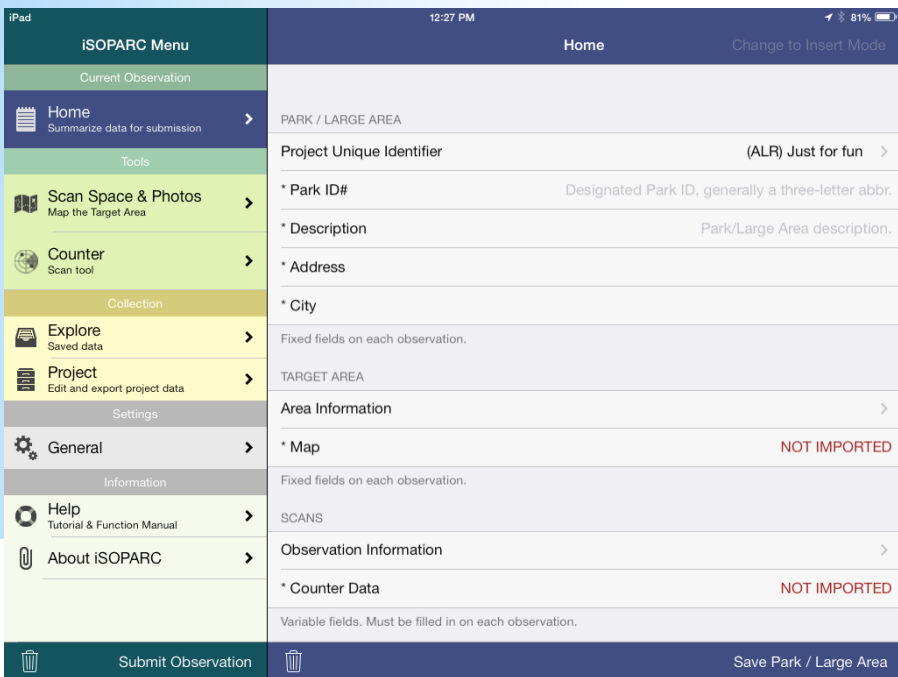
Observation Information

* Counter Data NOT IMPORTED

Variable fields. Must be filled in on each observation.

Save Park / Large Area

Select '(ALR) Just for fun' as the Project Unique Identifier.



Input

Park ID#: 222

Description: Paradise Point Hotel

Address: 1404 Vacation Ave.

City: San Diego



iPad 12:31 PM 79%

iSOPARC Menu

Current Observation

Home
Summarize data for submission

Tools

Scan Space & Photos
Map the Target Area

Counter
Scan tool

Collection

Explore
Saved data

Project
Edit and export project data

Settings

General

Information

Help
Tutorial & Function Manual

About iSOPARC

Submit Observation

Area Information Change to Insert Mode

MAP

Import Scan Space

Total Area 0.00 sq.m.

Read-only data. Must be imported from the button above.

GENERAL INFO

* Target Area ID# Two character code.

Description Target Area desc.

* Surface NOT SELECTED

* Area Type NOT SELECTED

Fixed fields on each observation.

OPTIONAL DATA

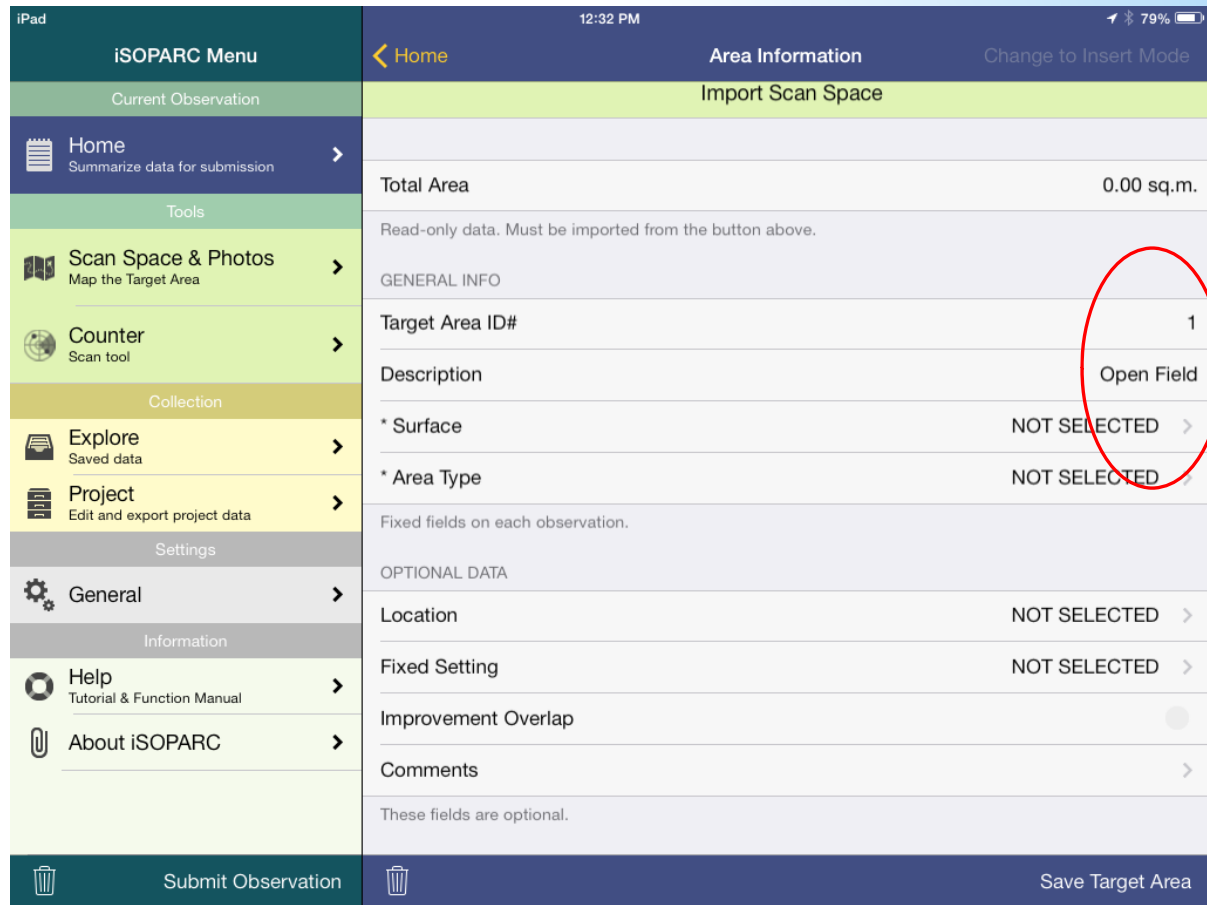
Location NOT SELECTED

Fixed Setting NOT SELECTED

Improvement Overlap

Save Target Area

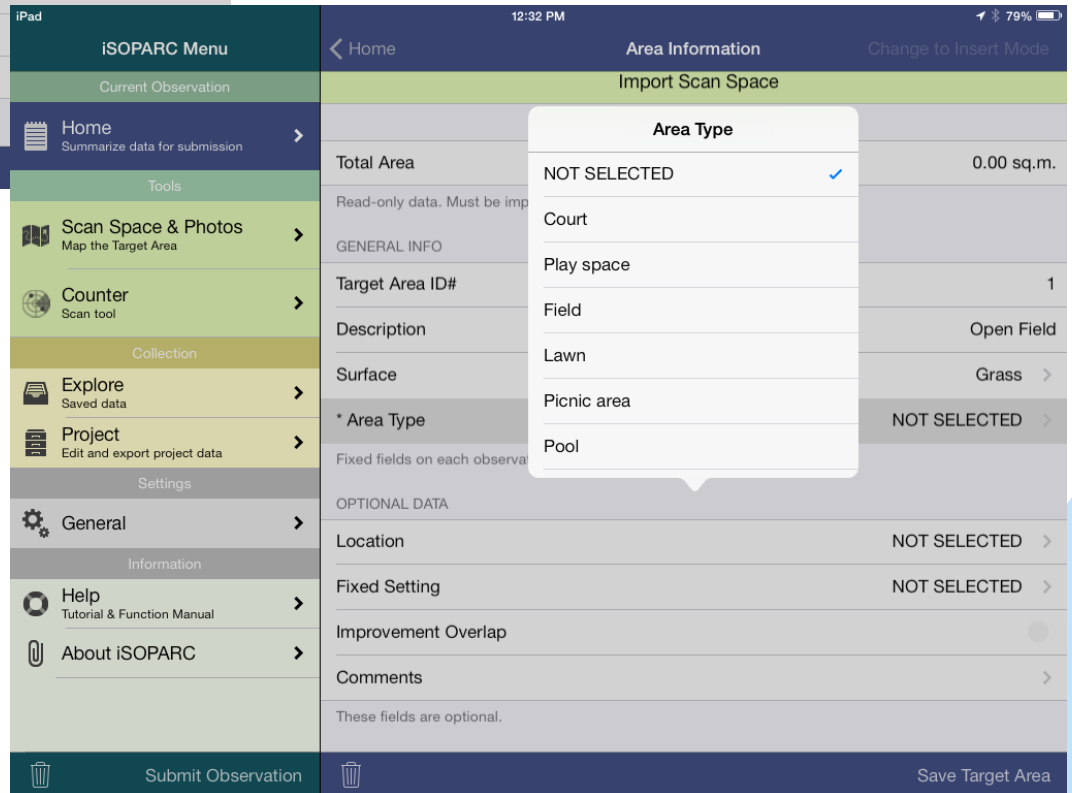
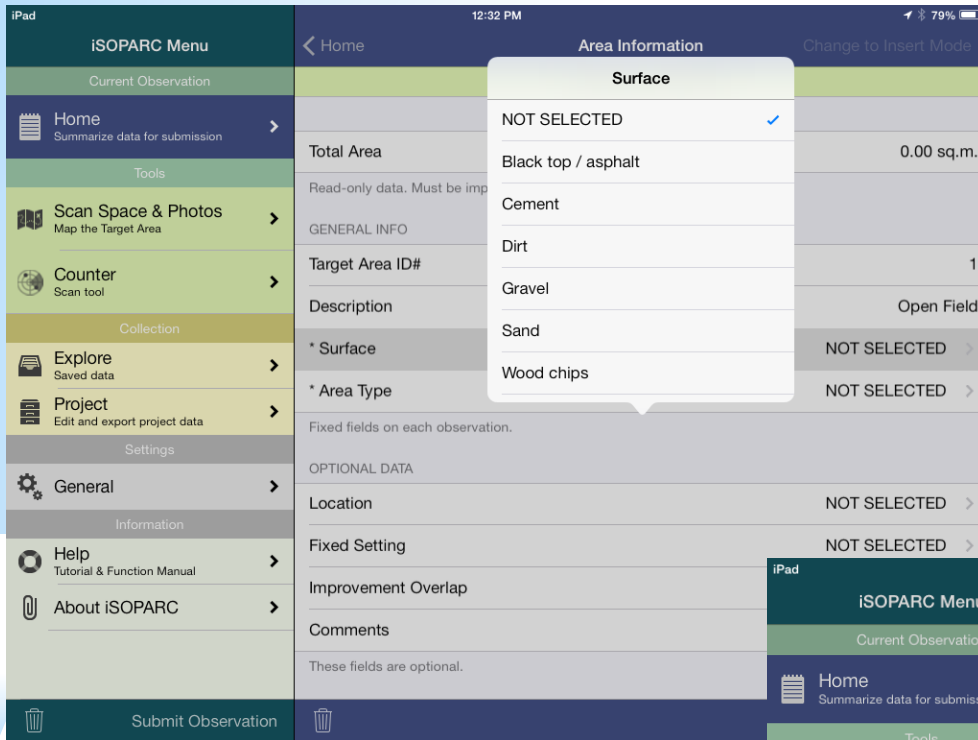
Under Target Area click: *Area Information*



General Info →

Target Area ID# 1

Description Open Field

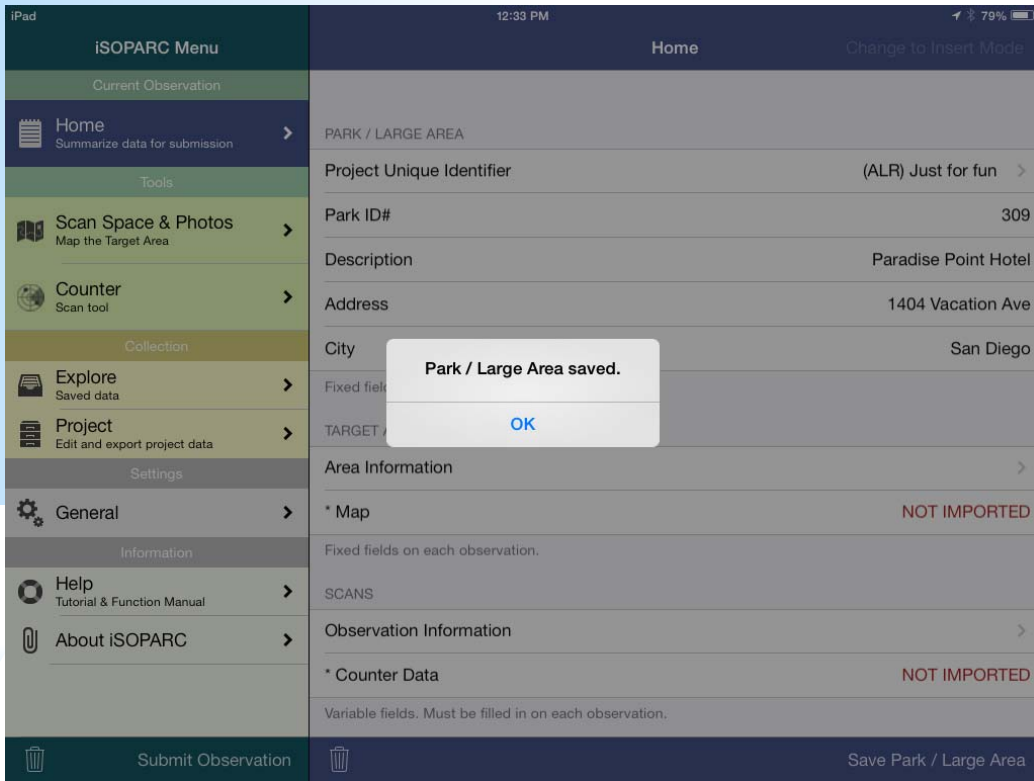


*Surface

Grass

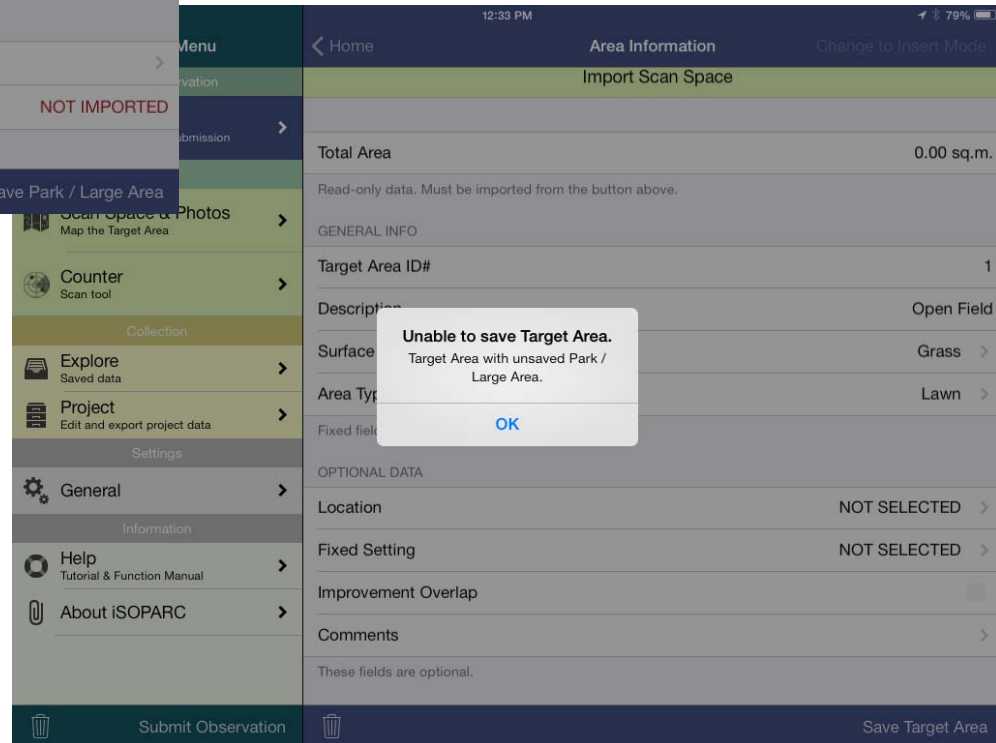
*Area Type

Lawn



← Good 😊

↓ Bad



iPad 12:34 PM 79%

iSOPARC Menu < Home Area Information Change to Insert Mode

Current Observation

Home Summarize data for submission >

Tools

Scan Space & Photos Map the Target Area >

Counter Scan tool >

Collection

Explore Saved data >

Project Edit and export project data >

Settings

General >

Information

Help Tutorial & Function Manual >

About iSOPARC >

Submit Observation

MAP

Import Scan Space

Total Area 0.00 sq.m.

Read-only data. Must be imported from the button above.

GENERAL INFO

Target Area ID# 1

Description Open Field

Surface Grass >

Area Type Lawn >

Fixed fields on each observation.

OPTIONAL DATA

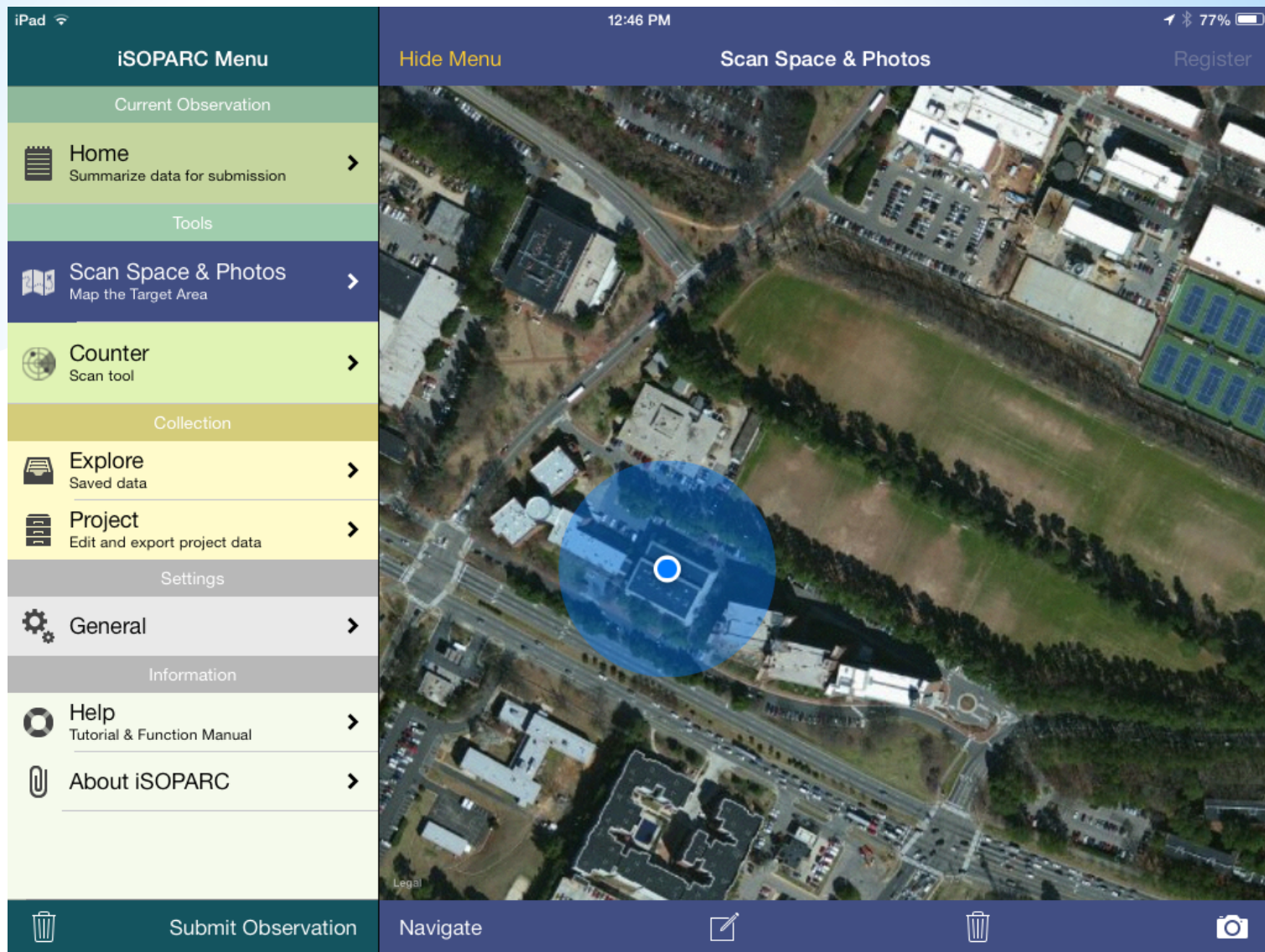
Location NOT SELECTED >

Fixed Setting NOT SELECTED >

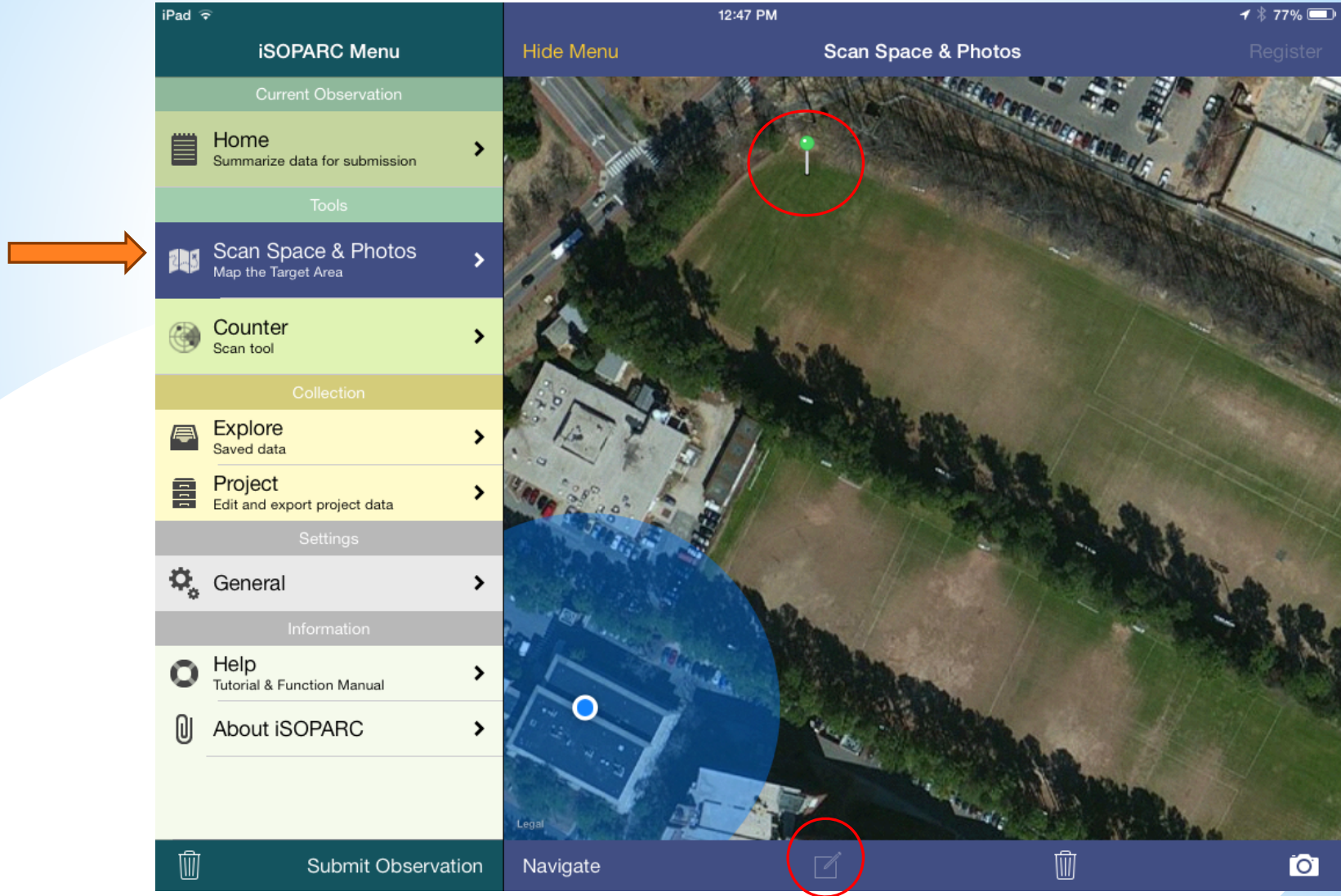
Improvement Overlap

Save Target Area

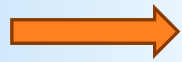
Here is our Target Area Information



OPTIONAL: Scan Space & Photos



- 1) Click the writing tool at the bottom of your screen.
- 2) Begin plotting your area by placing your finger at desired starting point.



iPad

iSOPARC Menu

Current Observation

- Home
Summarize data for submission

Tools

- Scan Space & Photos**
Map the Target Area

- Counter
Scan tool

Collection

- Explore
Saved data
- Project
Edit and export project data

Settings

- General

Information

- Help
Tutorial & Function Manual
- About iSOPARC

Submit Observation

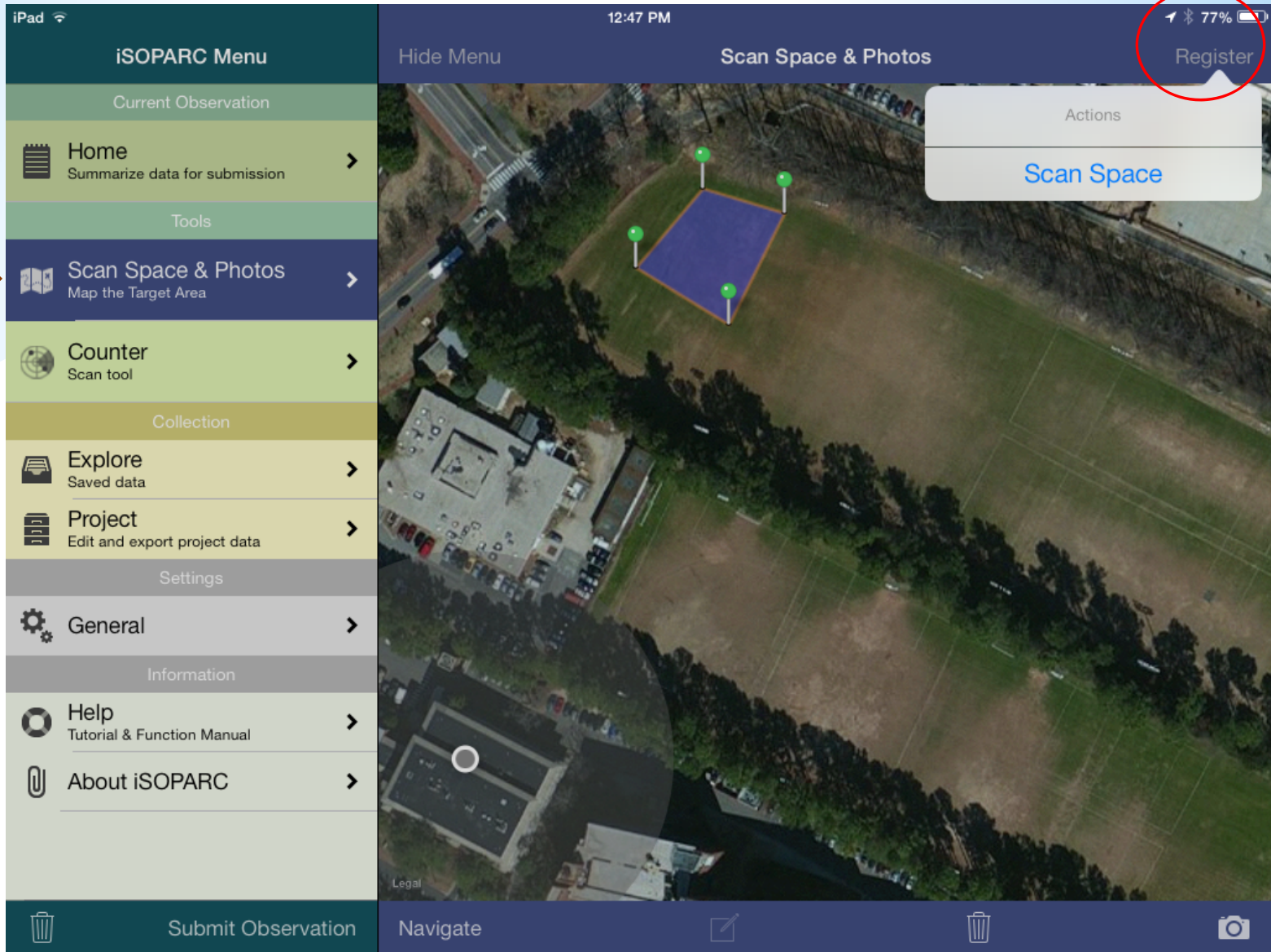
12:47 PM 77%

Hide Menu Scan Space & Photos Register

Legal

Navigate

Complete your polygon



Click 'Register' in the Upper right hand corner.

Select 'Scan Space'.









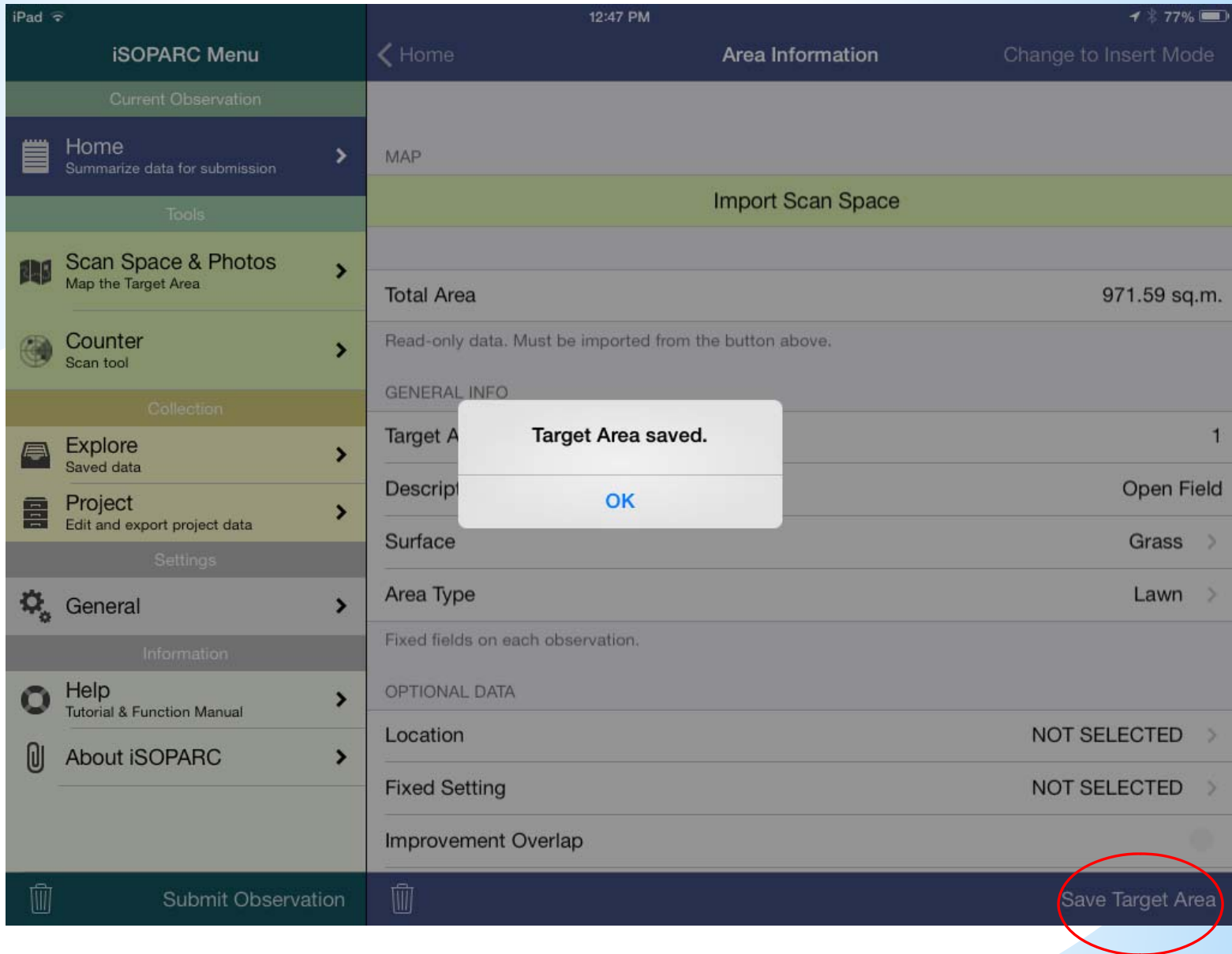
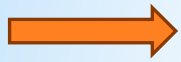
The image displays two screenshots of the iSOPARC mobile application. The left screenshot shows the 'iSOPARC Menu' with various options. An orange arrow points to the 'Home' menu item. The right screenshot shows the 'Area Information' screen, which includes a 'Total Area' of 971.59 sq.m. and other details like 'Target Area ID#', 'Description', 'Surface', and 'Area Type'.

Section	Item	Value/Action
Current Observation	Home	Summarize data for submission
Tools	Scan Space & Photos	Map the Target Area
Tools	Counter	Scan tool
Collection	Explore	Saved data
Collection	Project	Edit and export project data
Settings	General	
Information	Help	Tutorial & Function Manual
Information	About iSOPARC	
Bottom Bar	Submit Observation	
Bottom Bar	Save Target Area	

Field	Value
MAP	
Import Scan Space	
Total Area	971.59 sq.m.
Read-only data. Must be imported from the button above.	
GENERAL INFO	
Target Area ID#	1
Description	Open Field
Surface	Grass
Area Type	Lawn
Fixed fields on each observation.	
OPTIONAL DATA	
Location	NOT SELECTED
Fixed Setting	NOT SELECTED
Improvement Overlap	<input type="checkbox"/>

Screen Check

*total area will be in square meters



Click 'Save Target Area' in bottom right hand corner.

A message will appear saying "Target Area saved."



Next, select 'Counter' from the Menu bar.

Then, click 'Hide Menu' at the top of the screen (red circle).



iSOPARC by CIAFEL

00

00

00

00

00

00

S

W

V

00

00

00

00

CHILD

ADULT

BLOCKED

MALE

FEMALE

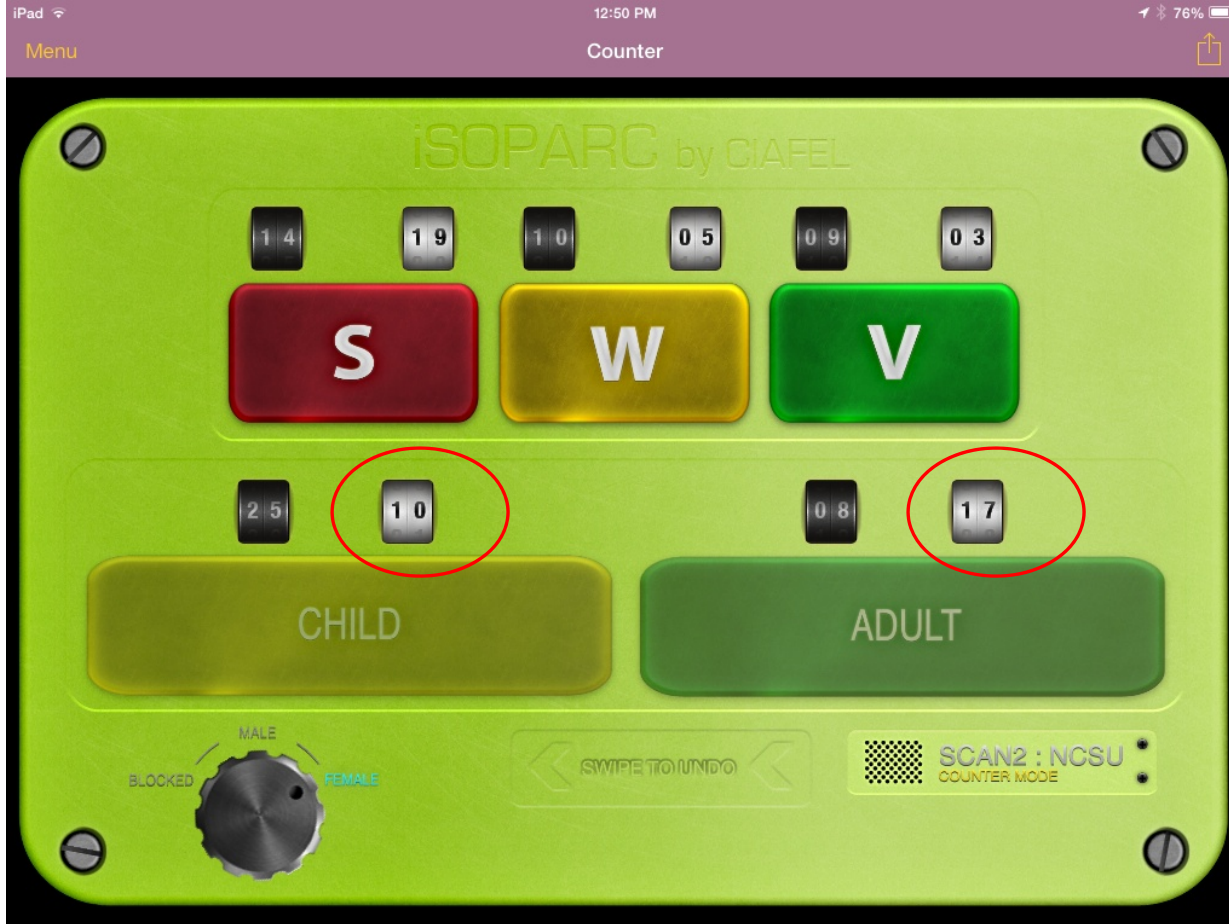
SWIPE TO UNDO

SCAN2 : NCSU
COUNTER MODE



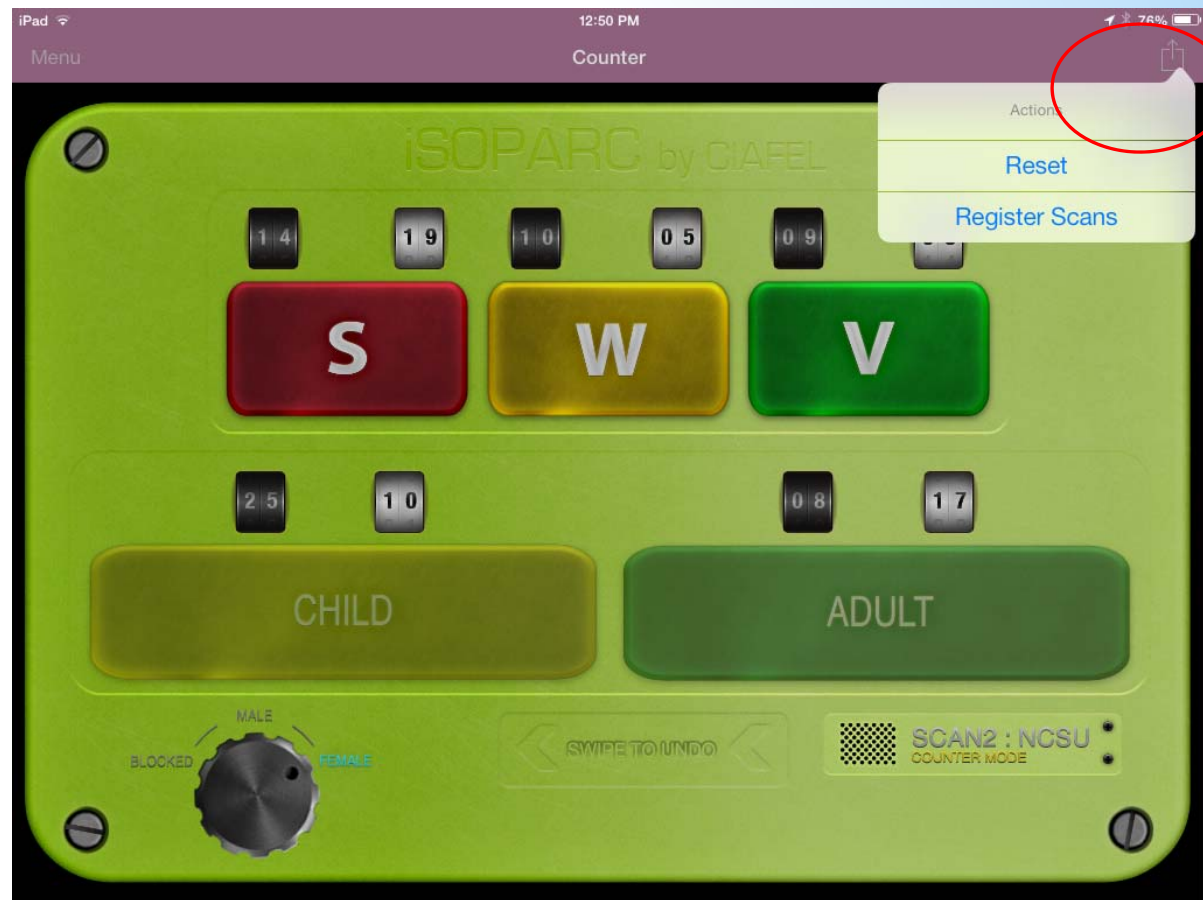
After MALE counts....

Black boxes total the MALE counts.



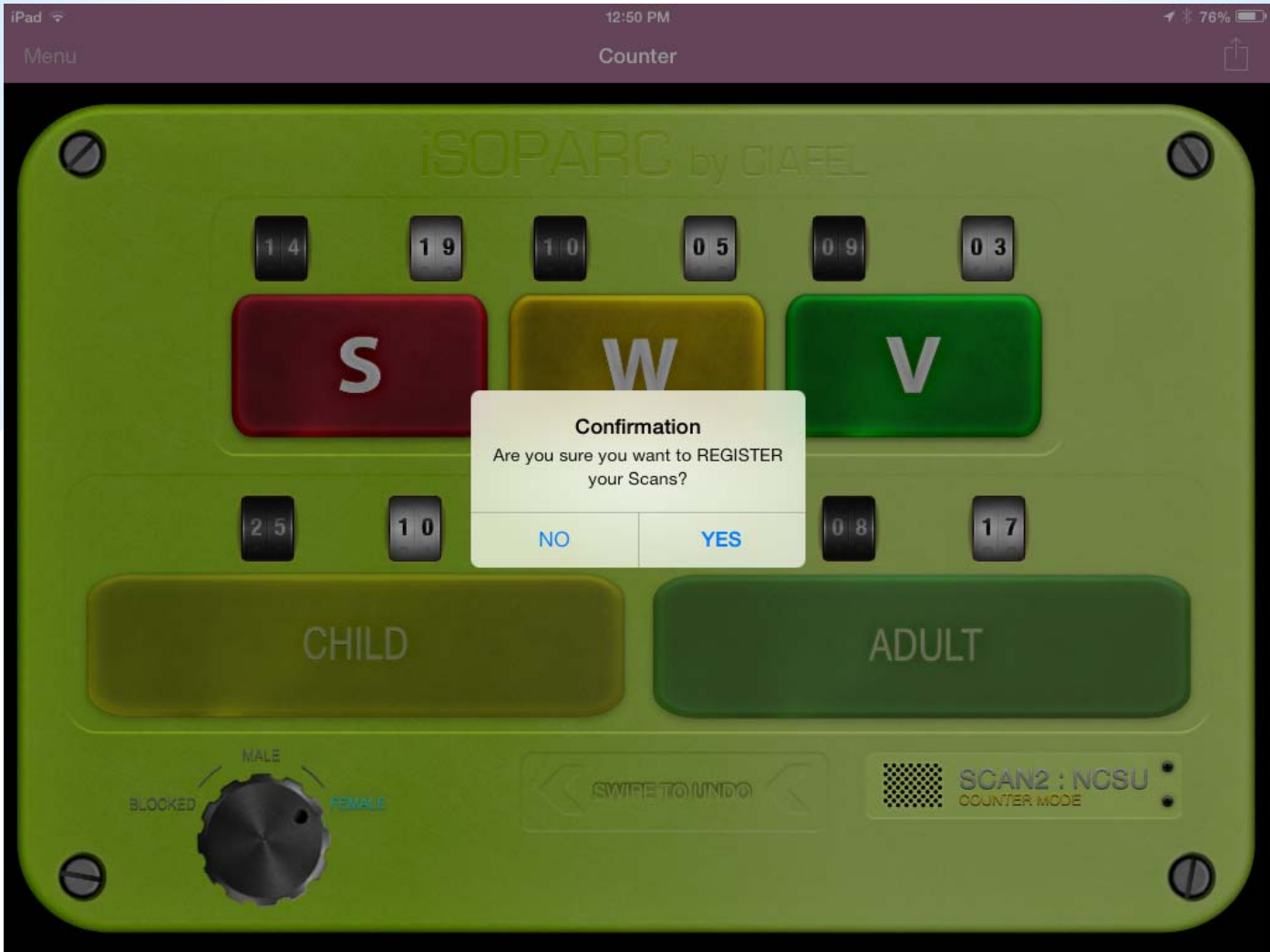
After FEMALE counts....

White boxes total the FEMALE counts.

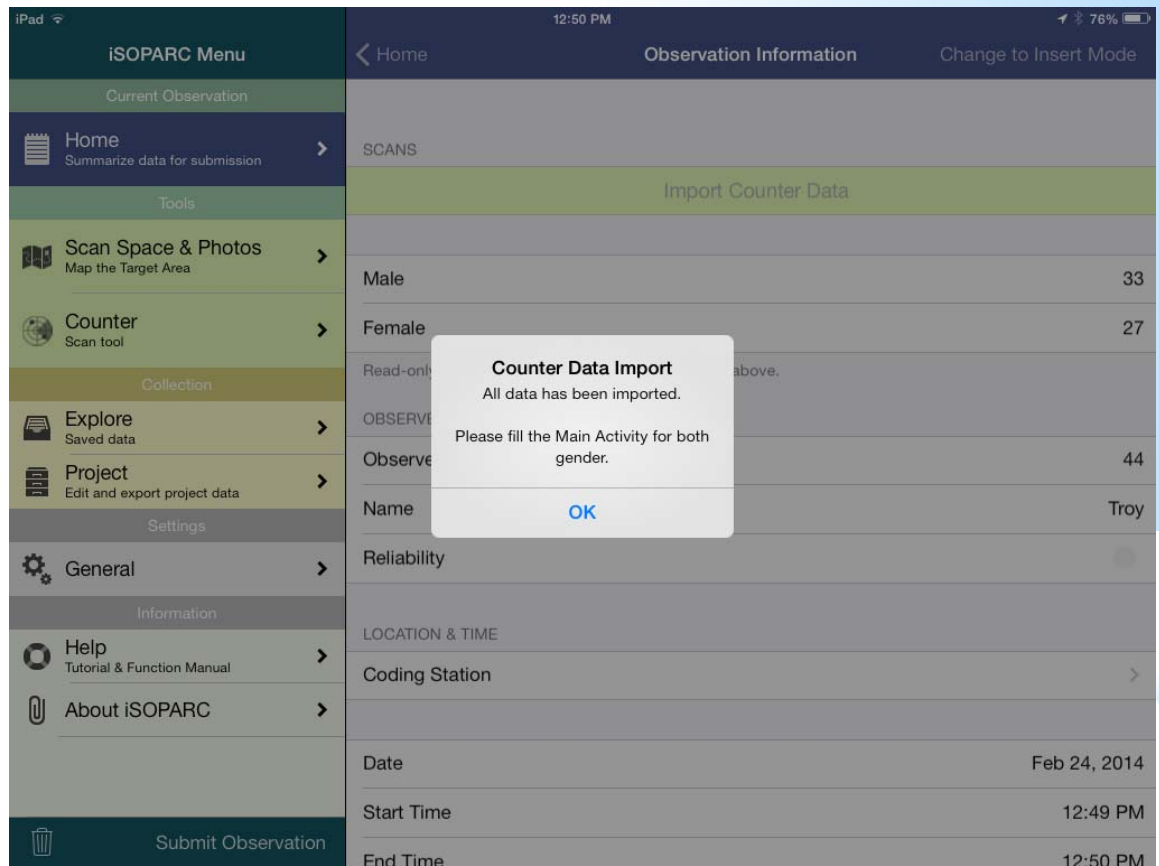


To register a scan...

Click the box in the upper right hand corner (red circle), then select 'Register Scans'.



Screen Check



Success message will appear.

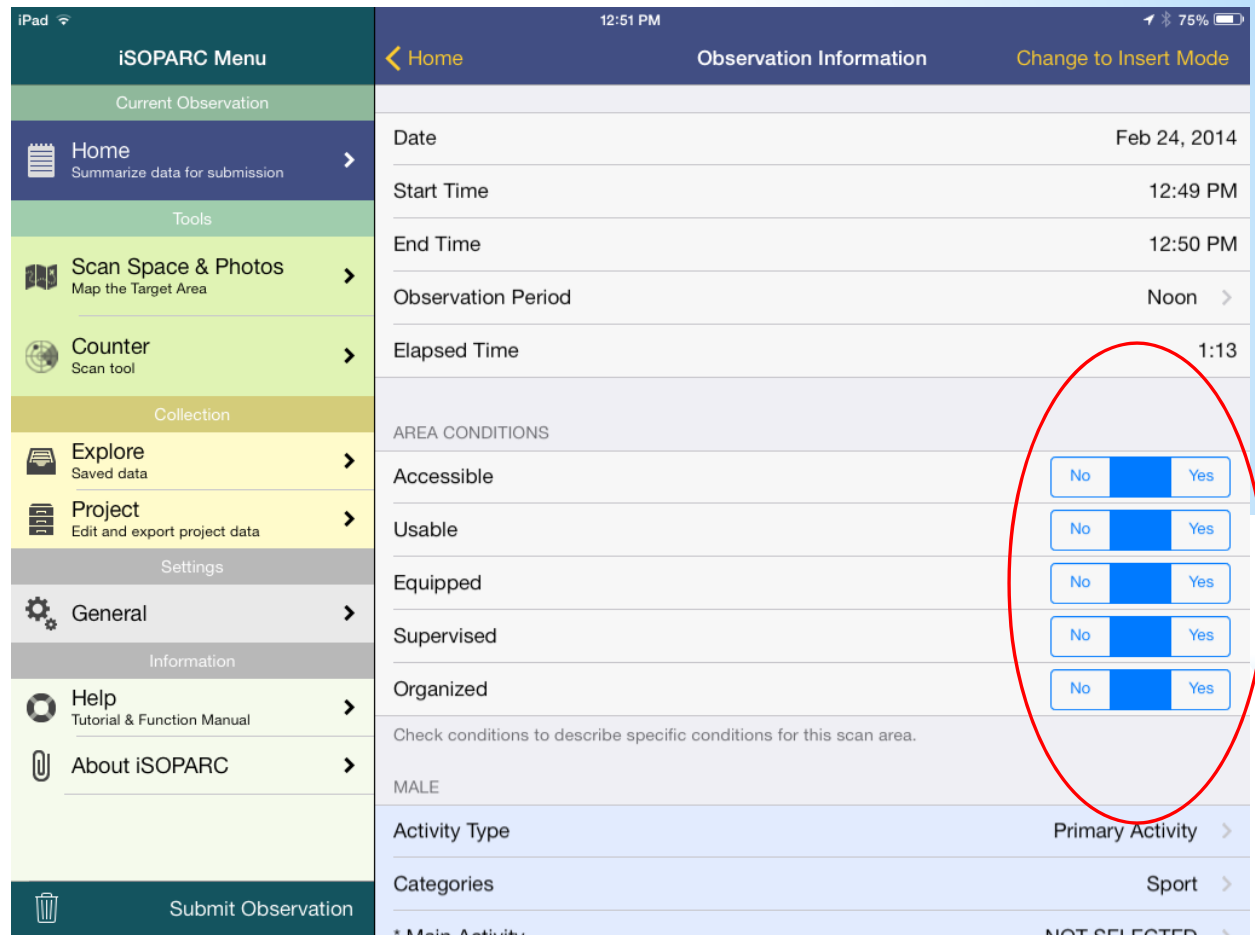
Click OK.

The screenshot shows the iSOPARC app interface on an iPad. The left sidebar menu is open, with an orange arrow pointing to the 'Home' option. The main screen displays 'Observation Information' with a table of data. A red circle highlights the 'Observer ID#' field with the value '44' and the 'Name' field with the value 'Troy'.

Observer ID#	Name
44	Troy

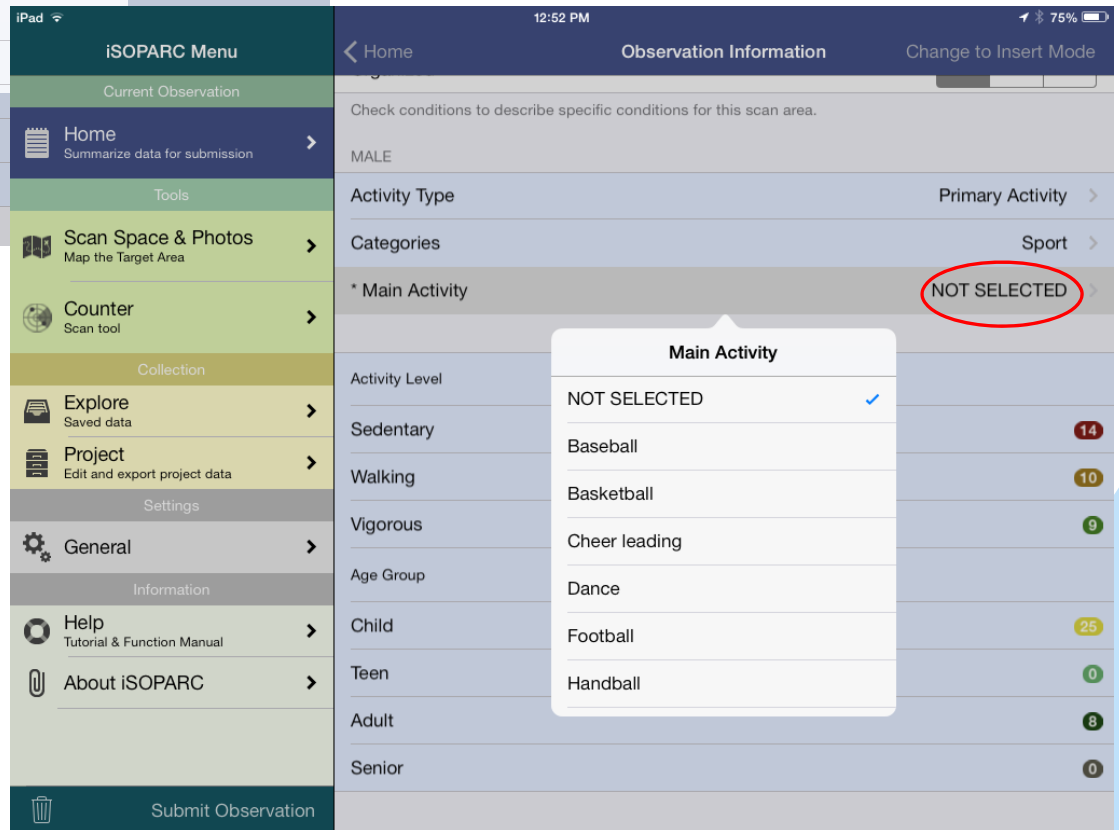
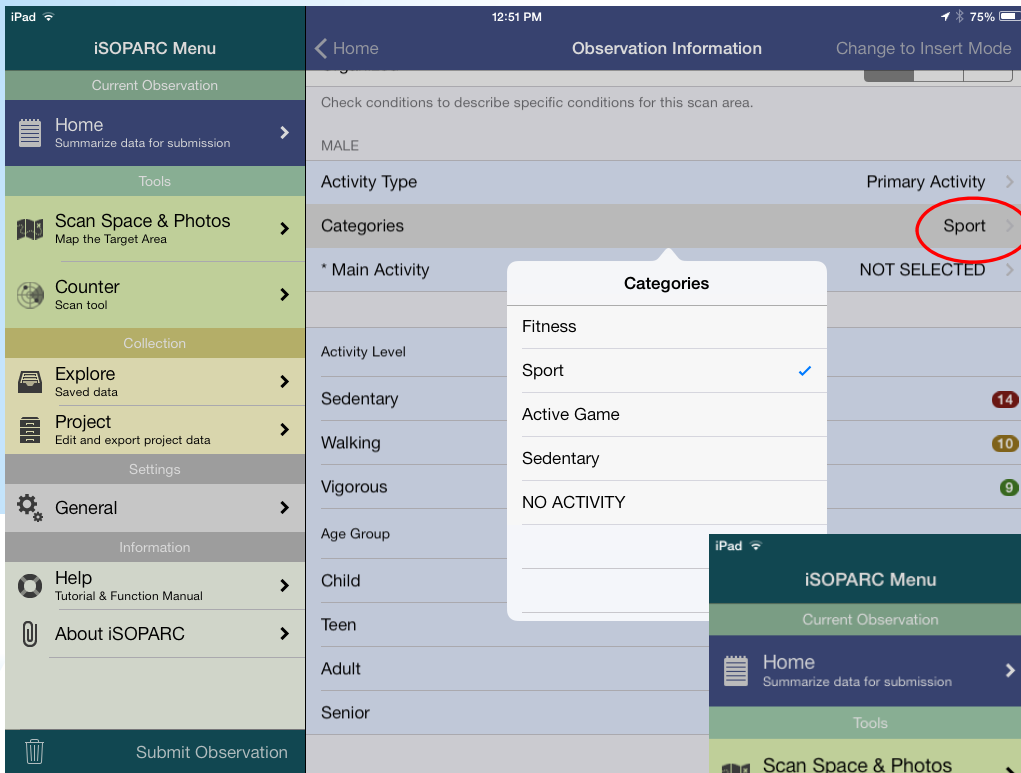
Observer ID# Pick a 2-digit #

Name: Input your first name



Scroll down....

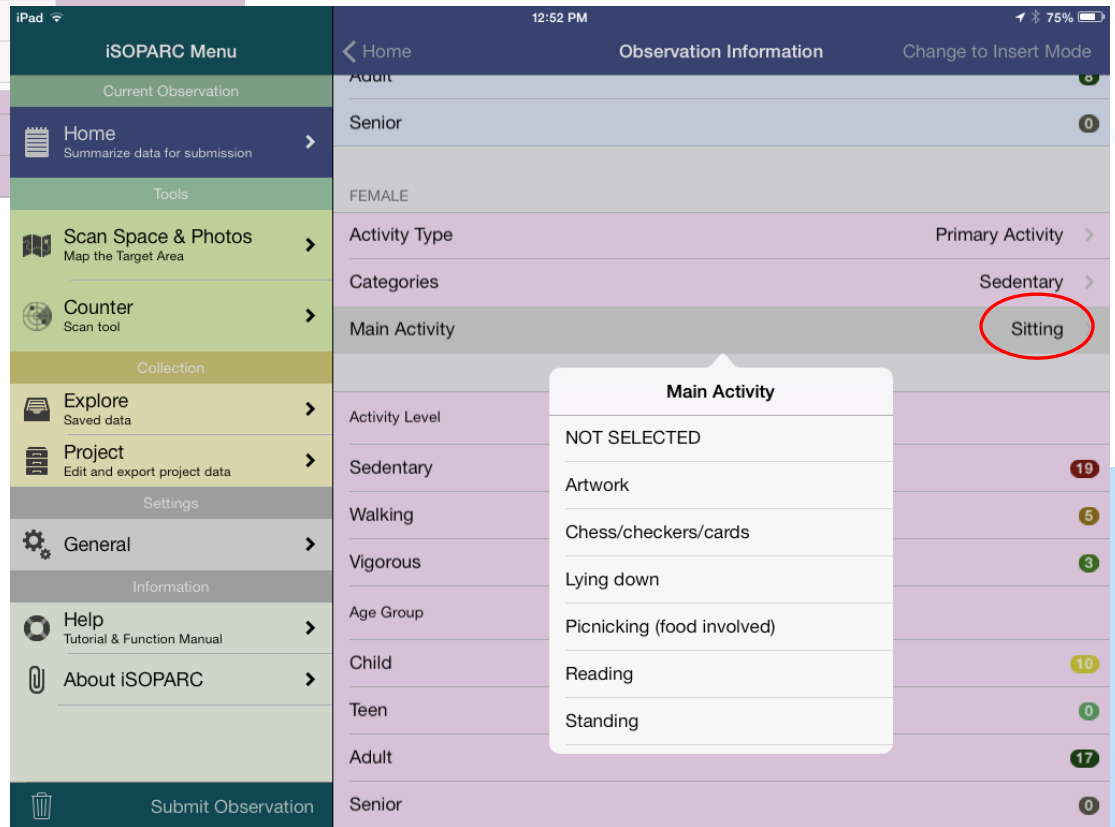
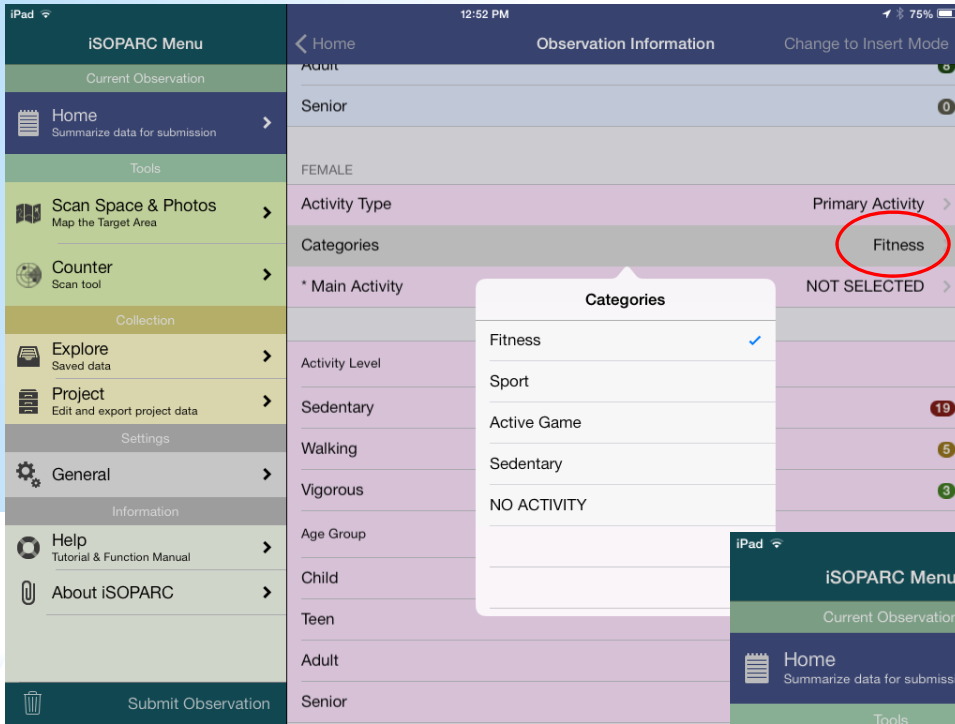
Area Conditions: answer 5 Yes/No questions



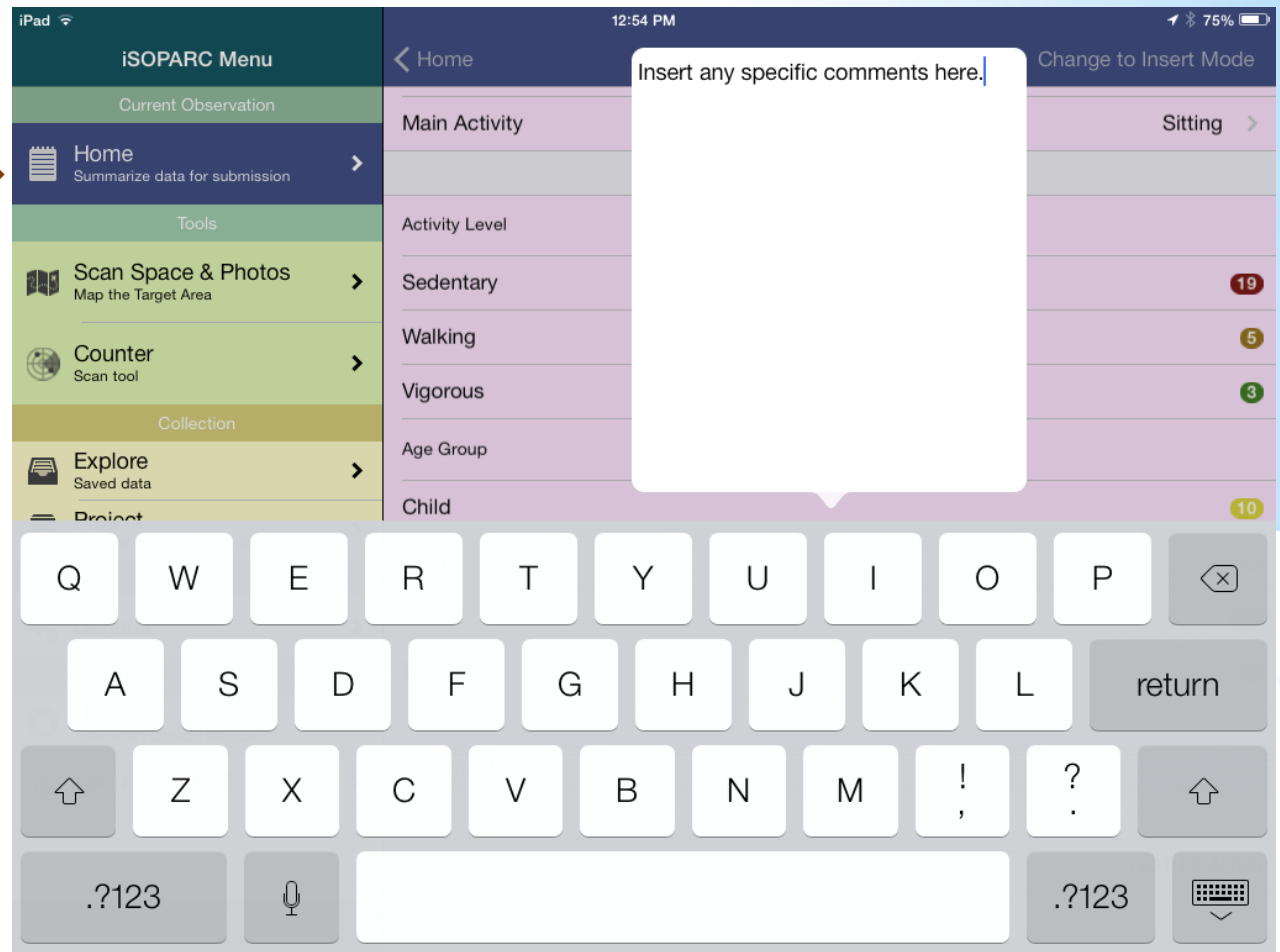
Scroll down....

1) Choose from 'Categories' list for MALES

2) Choose from 'Main Activity' list for MALES

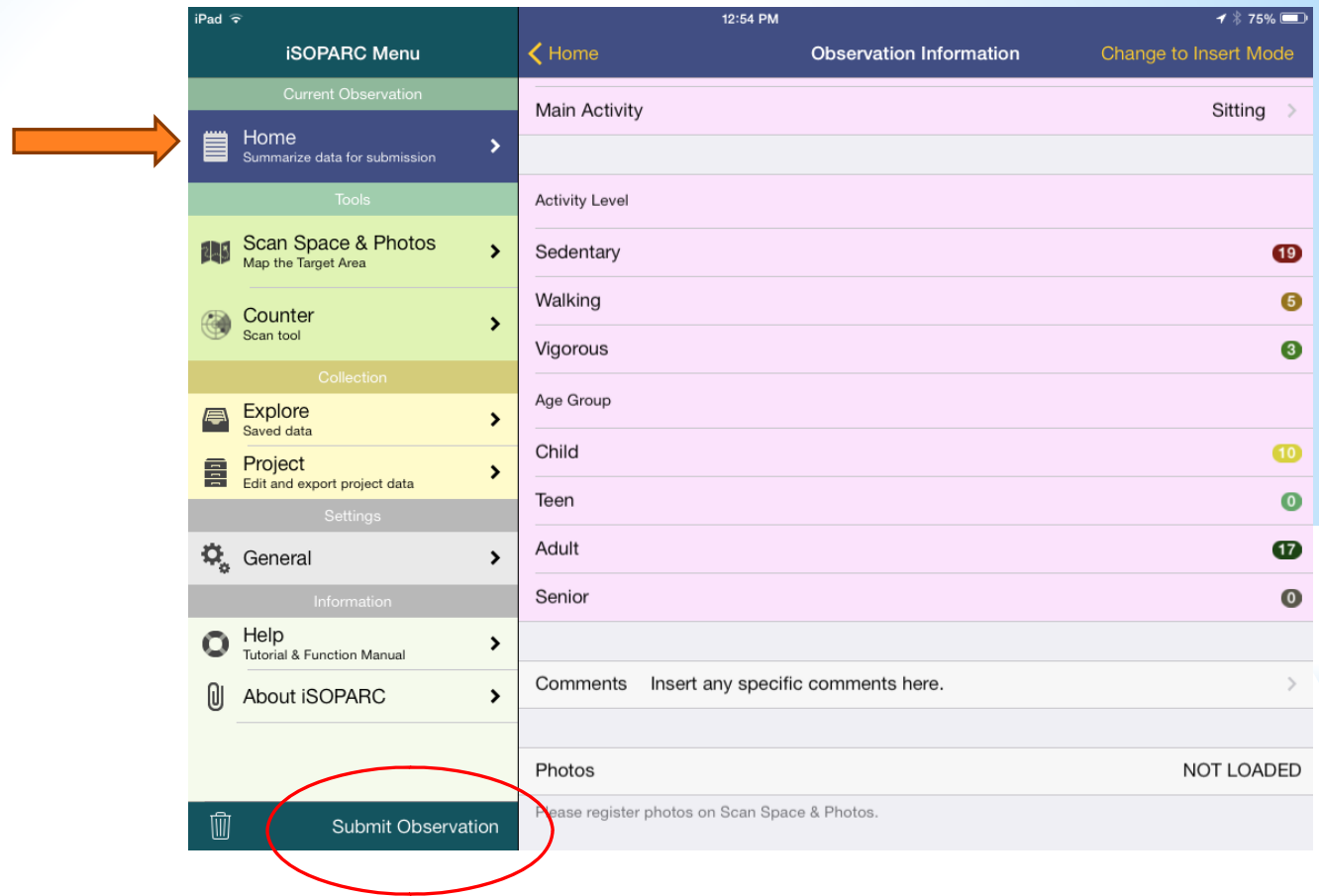


Repeat for FEMALES



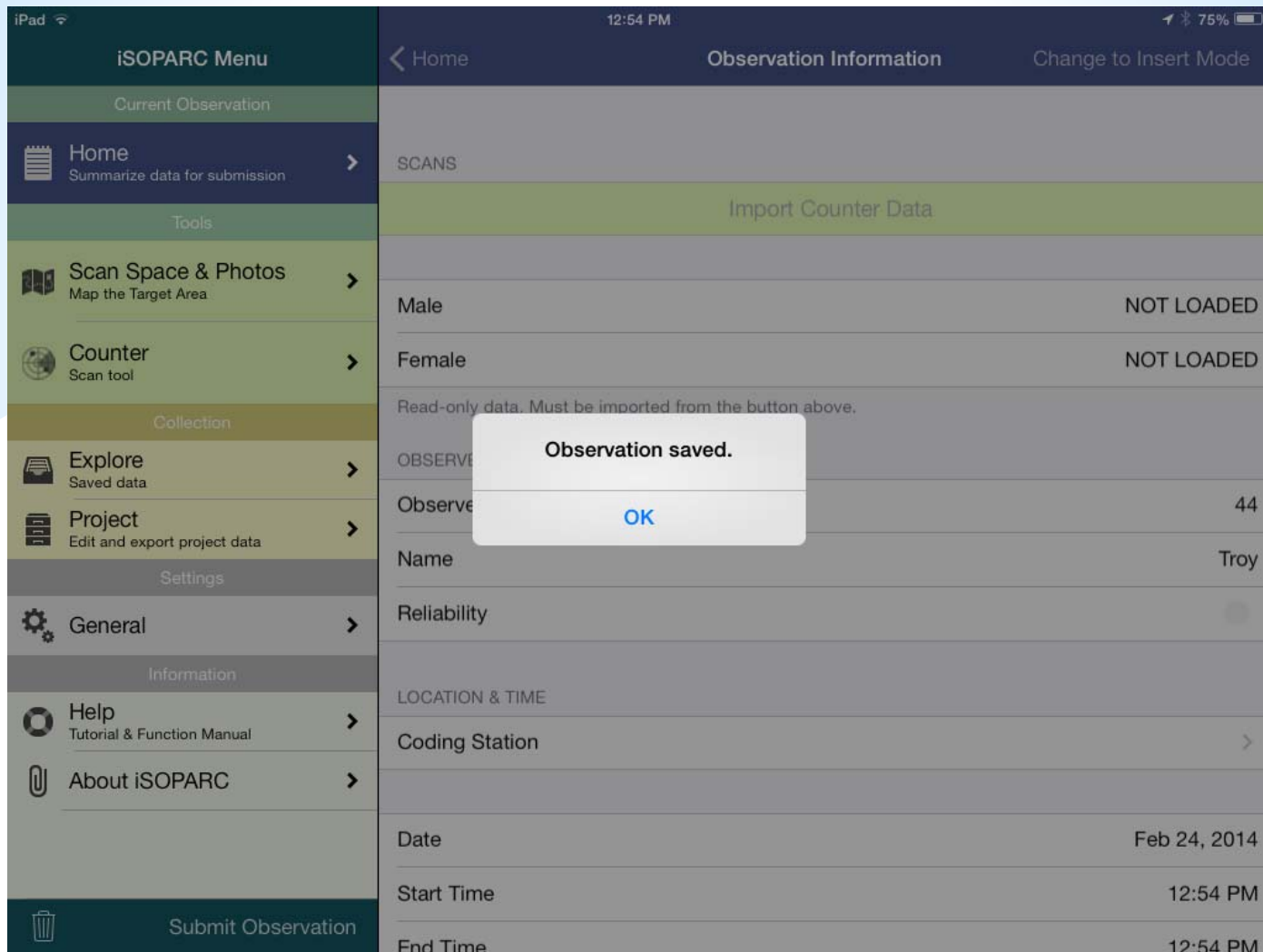
Scroll down....

Select 'Comments'. You can add any comments related to the observation if you wish.



Submit Observation!

Click the button in lower left corner (red circle).

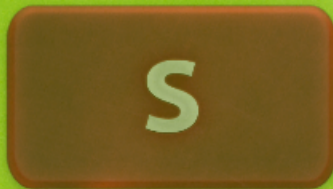


Success Message appears: "Observation saved."

Click OK.

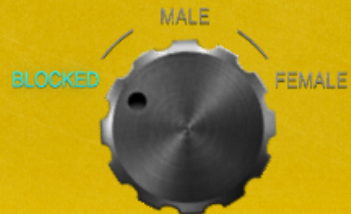
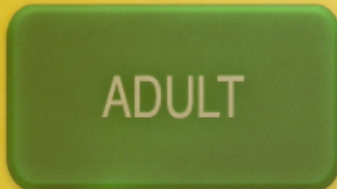
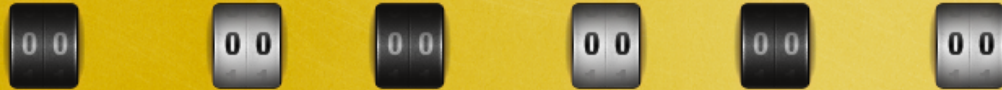


iSOPARC by CIAFEL





ISOPARC by CIAFEL



SCAN4
COUNTER MODE





iSOPARC by CIAFEL

M

00

00

00

00

00

00

S

W

V

F

00

00

00

00

00

00

00

00

CHILD

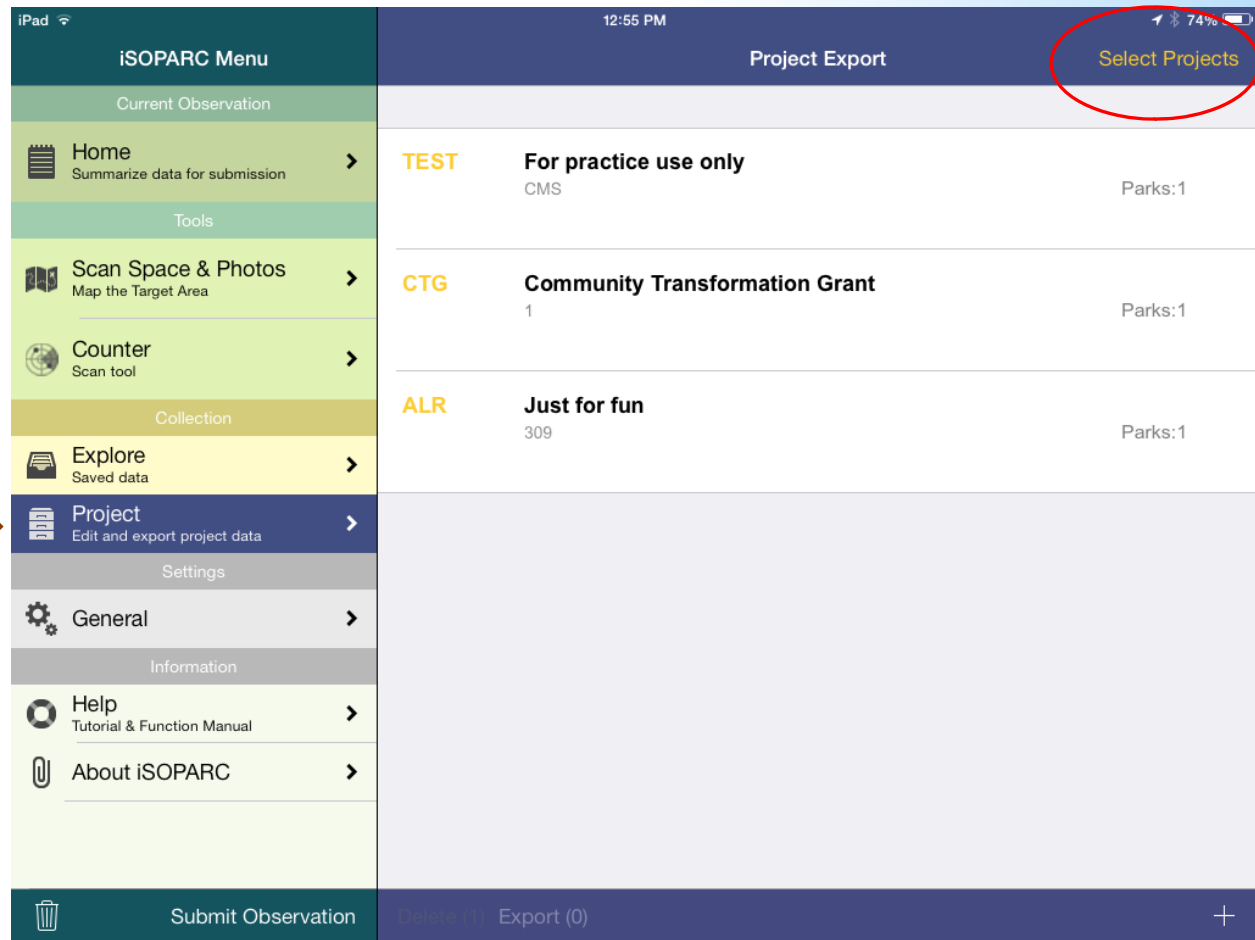
TEEN

ADULT

SENIOR

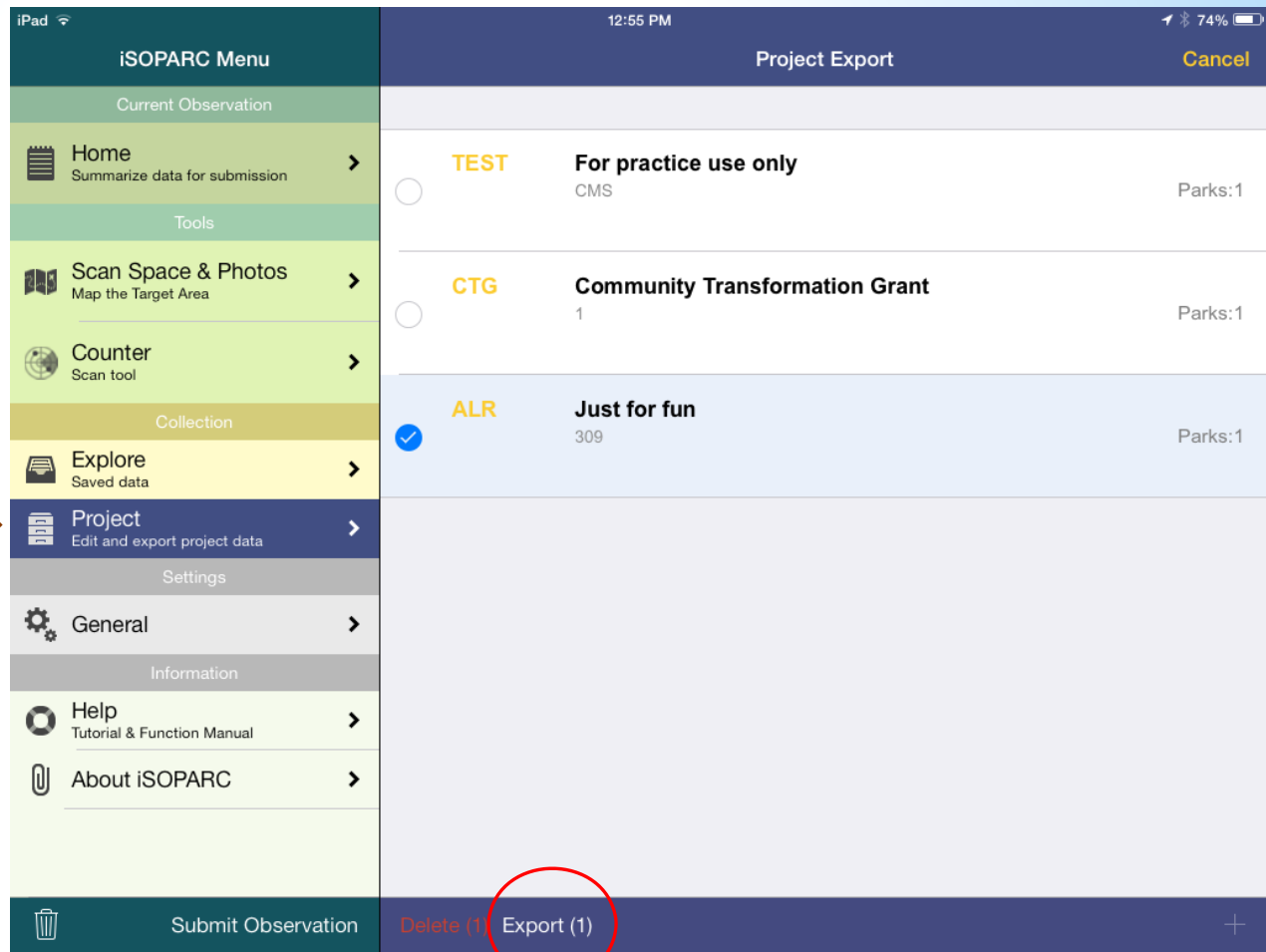
SWIPE TO UNDO

SCAN1
COUNTER MODE



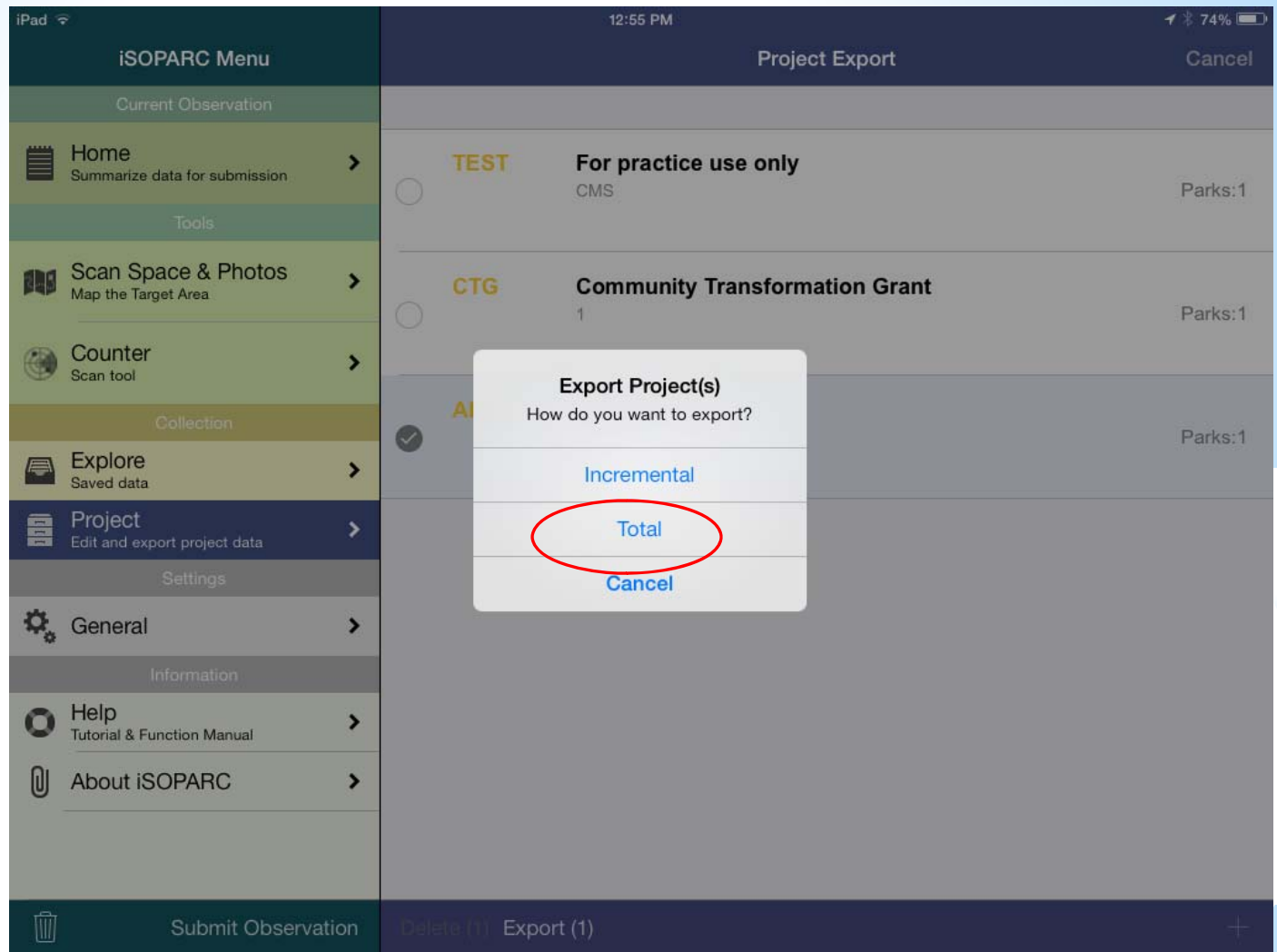
Exporting Data

Project tab → click 'Select Projects' in upper right hand corner (red circle).

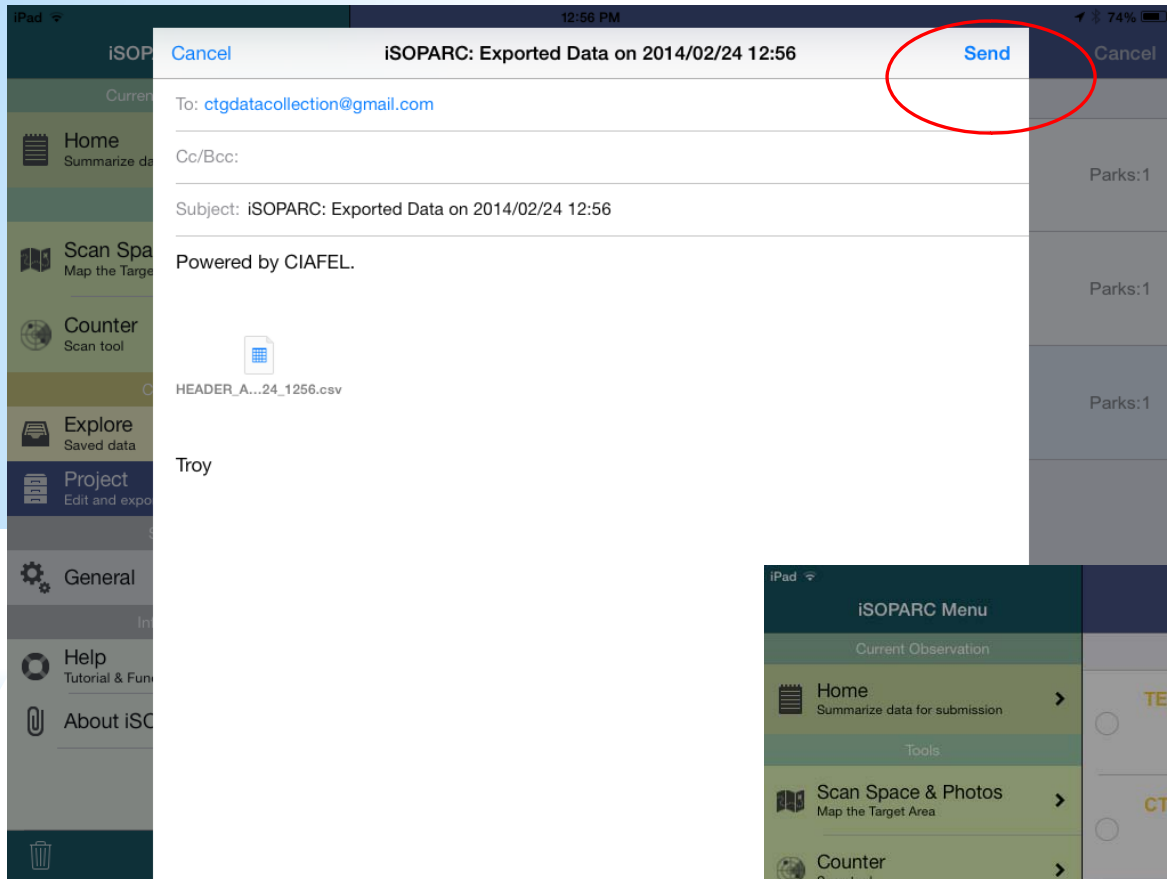


Check the circle next to the project data that you would like to Export.

Then click 'Export (1)' at the bottom of the screen.

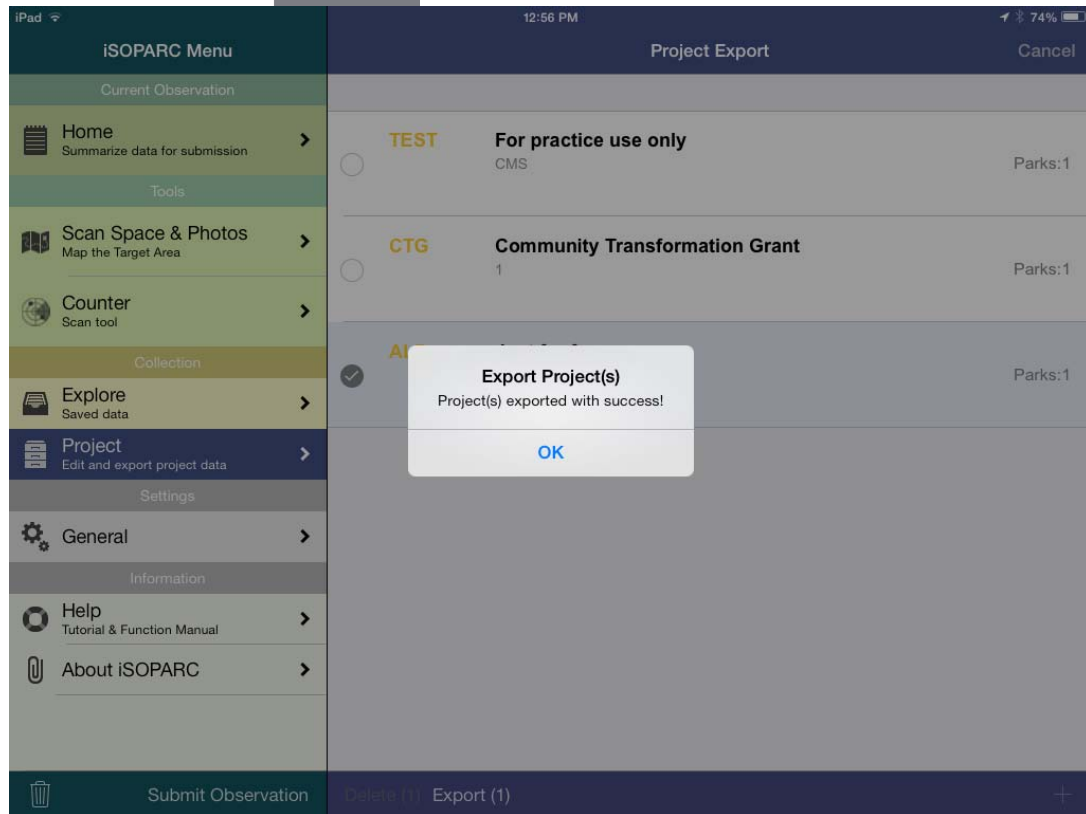


Select either 'Total' or 'Incremental'



Email will have attached .CSV file with observations.

Click Send!



Thank you!

Troy Carlton, tacarlto@ncsu.edu

Luis Suau, ljsuau@gmail.com