



Connecting People with Nature since 1920

Using *Avenza Maps App*



Getting the *Avenza Maps*

- Easy way to take waypoints and send them to us right from your smartphone!
- First, download the “Avenza Maps” app in the Apple App Store or Google Play Store as you would with any other app
- You will need cell service to a download the app and to import your trail assignment, so don’t wait to do this in the field!



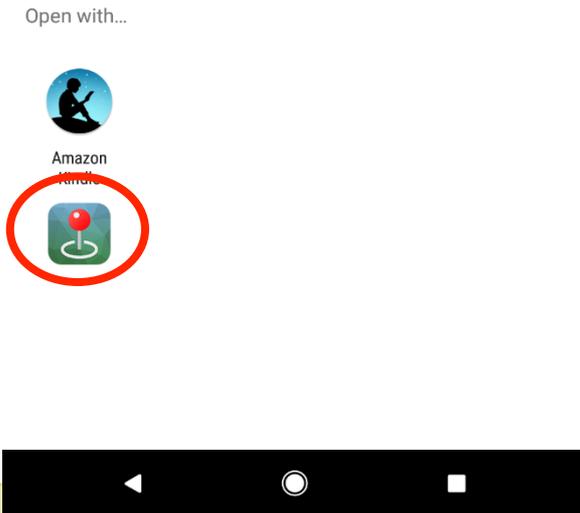
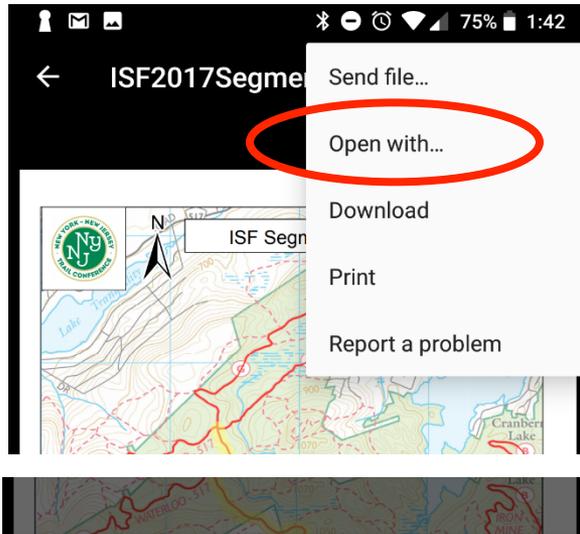
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To Check that GPS is on for Avenza

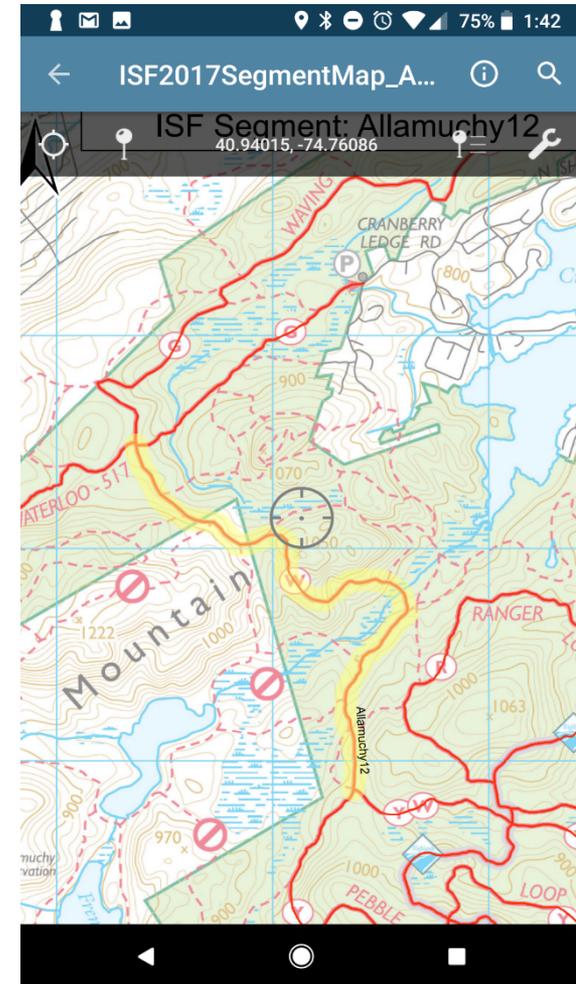
- Go to Settings
- Then scroll down to the Avenza Maps app
- Click that
- Check that Location is set to: While Using the App



Importing your Survey Assignment



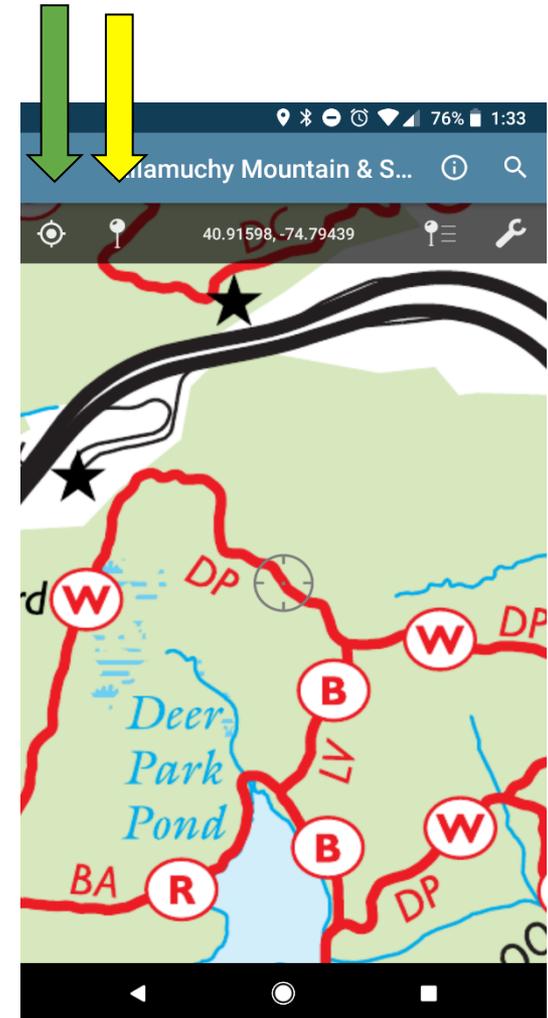
- Open the PDF from the email we send, and click the dropdown menu to select “Open with...”
- Select to Avenza icon, and the map will be loaded into your Avenza app for whenever you’re ready to survey



Taking a GPS Waypoint

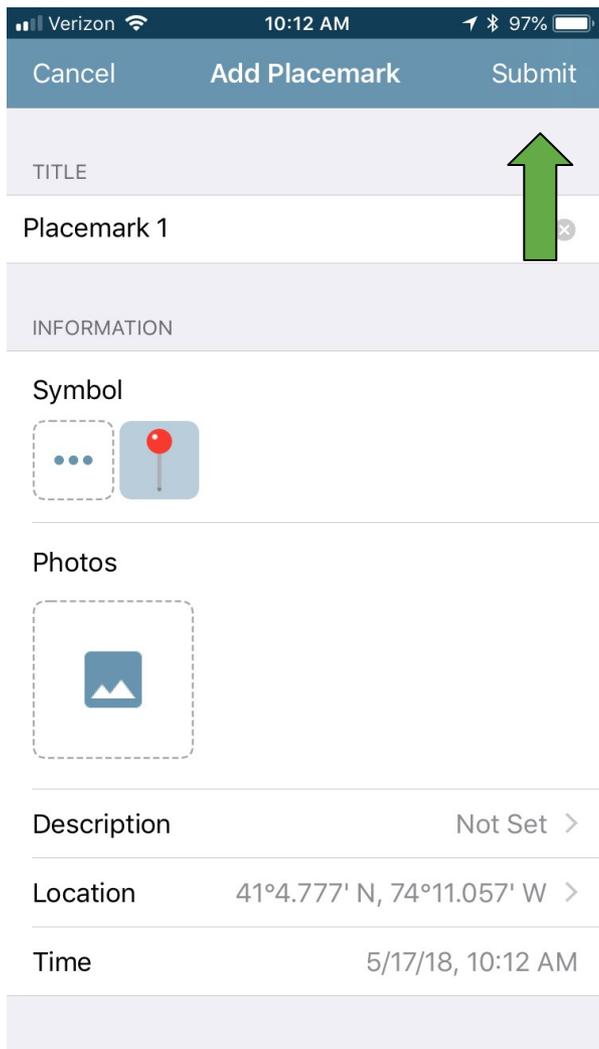


1. Touch Location triangle/target at bottom left (Apple) or top left (Android) to center your location
2. Touch Placemark pin at bottom left (Apple) or top left (Android)



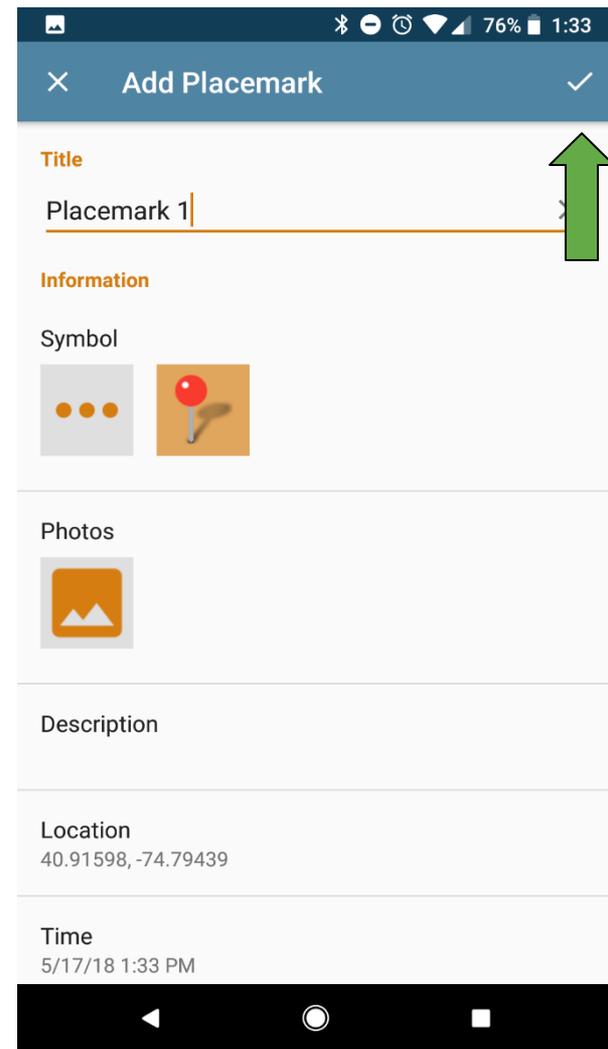


Taking a GPS Waypoint



Once you've put down a pin:

3. Touch "Submit" (Apple) or the checkmark in the top right (Android)
4. You can delete points as well by clicking on them





Completed Survey Map



- Placemarks will show up on your map (as red pins) as you survey
- Now you're ready to send them in!



How to return Avenza data

- The following slides explain step by step (with pictures!) how to submit the data points you have collected with Avenza to Trail Conference staff once you have completed your survey
- The first few slides following here explain how to submit using an iPhone, followed by instructions for Android
- Feel free to contact Invasive Species Citizen Science Coordinator Brent Boscarino (brent@nynjtc.org) with any questions on the procedure. He will be happy to walk you through it.

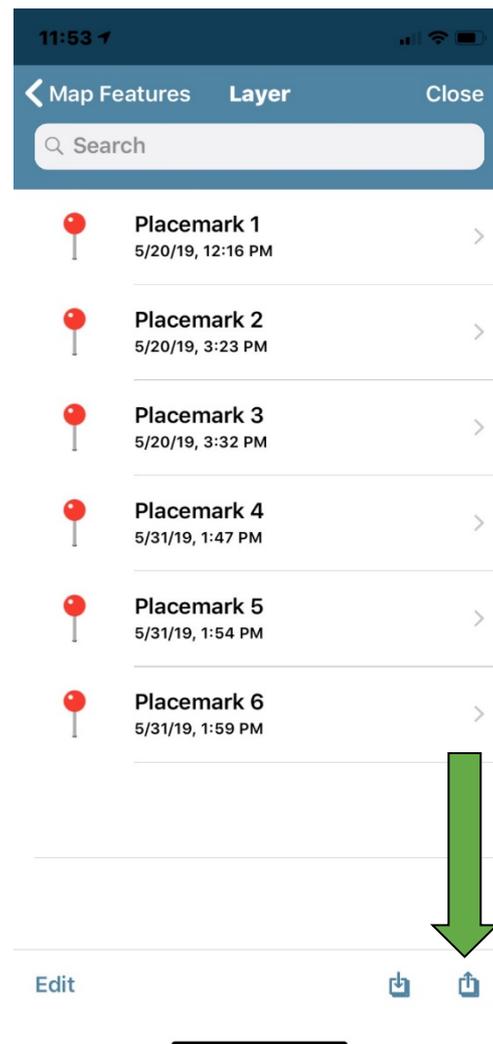
If Using an Apple mobile device

- STEP 1: Open Avenza
 - STEP 2: Once in Avenza, click on your trail map
- At this point, you should see all of your placemarks on the map you were provided!
- STEP 3: Click the pin icon with three horizontal lines in the bottom right corner of your screen
 - The green arrow is pointing to the proper icon in the picture to the right



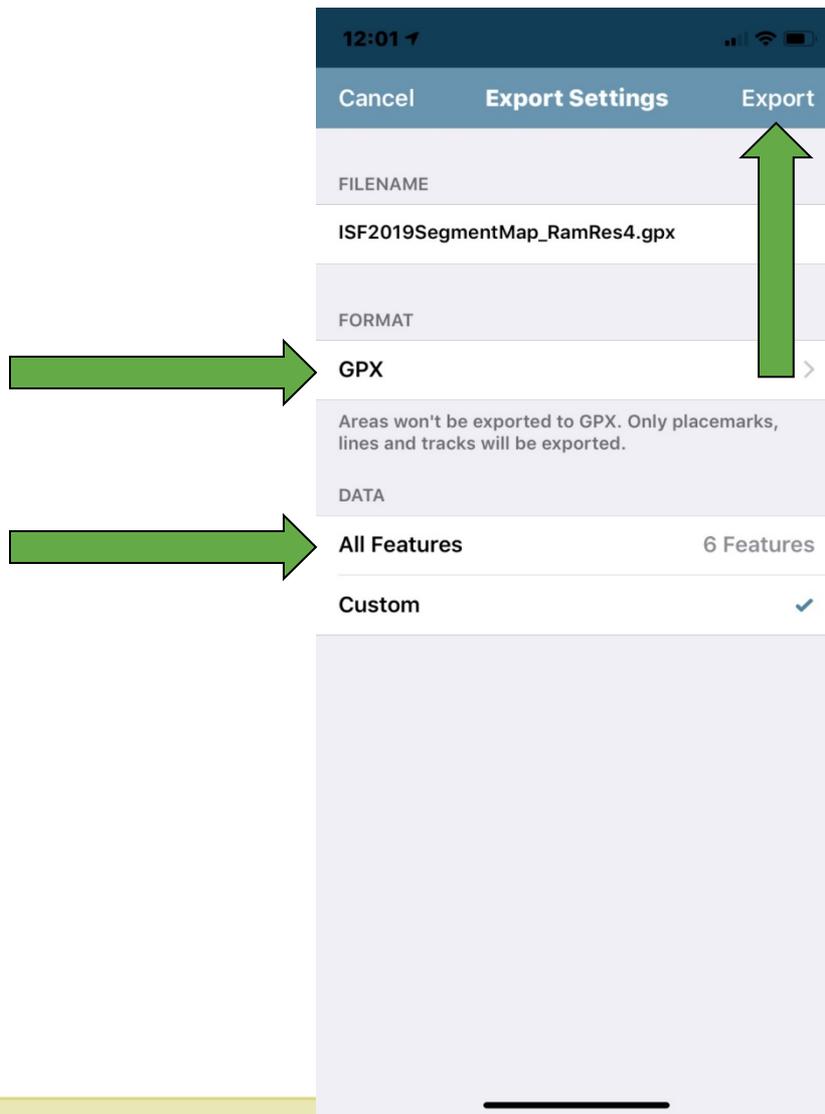
If Using an Apple device..continued....

- STEP 4: You will see a screen with an option to open up a folder called “Layer”. Tap the “Layer” tab which will show all of your Placemarks.
- STEP 5: You will now see a screen similar to the one on the right. Tap the Export icon in the bottom right corner (box with up-facing arrow). See where green arrow is pointing in picture to right
- STEP 6: This will call up another menu with options. Select the “Export to Others” option



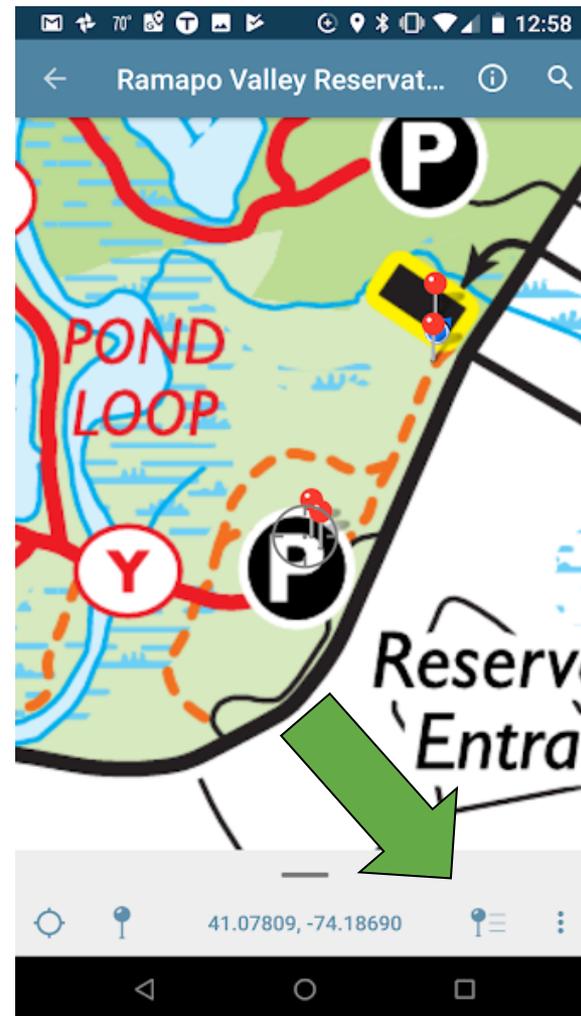
If Using an Apple device..continued....

- STEP 7: You will now see a screen similar to the one on the right. Under Format, select “GPX” (NOT KML which is the default)
- STEP 8: Under Data, select “All Features”
- STEP 9: Tap Export in top right corner.
- STEP 10: Mail to invasives@nynjtc.org
- You’re done!



If Using an Android mobile device

- STEP 1: Open Avenza
 - STEP 2: Once in Avenza, click on your trail map
- At this point, you should see all of your placemarks on the map you were provided!
- STEP 3: Click the pin icon with three horizontal lines in the bottom right corner of your screen
 - The green arrow is pointing to the proper icon in the picture to the right



Emailing Your GPS Waypoints..Android

Android

- STEP 4: Click on the orange button with three lines through it in the bottom right of your screen
- STEP 5: Tap the blue “Export Layers” button (see first green arrow to right)
- STEP 5: You will now see a screen similar to the one on the far right. Under Export Format, select “GPX” (NOT KML which may be the default)
- STEP 6: Then, tap the Export button (where second green arrow is pointing) and email to invasives@nynjtc.org
- STEP 7: You are done!

