



NC Roadkill QuickCapture User Guide v2.2

Introduction

*In coordination with the NCWRC, NCDOT committed to collecting animal vehicle collision data with the goal that the data could drive decisions on placement of future wildlife crossings along transportation facilities. NCDOT developed an ESRI QuickCapture App to facilitate collection of location of animal vehicle collisions and species across North Carolina. Photos are allowed to assist in the identification of certain species. The NC Roadkill app is a simple interface that organizes data submitted from all users into a single GIS layer in the cloud. NCDOT will host the app and maintain the data in their ArcGIS Online (AGOL) implementation [GO!NC](#) (Geospatial Online North Carolina). **NCDOT Divisions should continue to report bear roadkill to their NCWRC District counterparts, through the existing established processes.***

Safety is Priority

Do not use the NC Roadkill App while driving and do not risk harm for data collection. Data locations can be adjusted as needed from safe location. [Avoid Distracted Driving](#) and [Texting while driving is illegal](#)

ArcGIS Online Account

Users must have an ArcGIS Online (AGOL) account to access the NC Roadkill App. Staff without an existing AGOL account must first contact their respective agency, AGOL Administrator, to request access.

WRC Staff- Contact: Anna Stefanowicz (anna.stefanowicz@ncwildlife.gov).

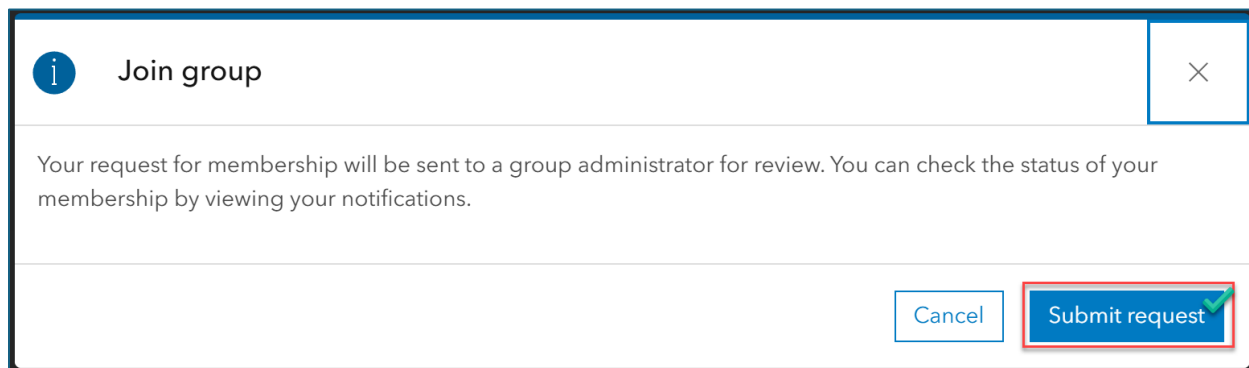
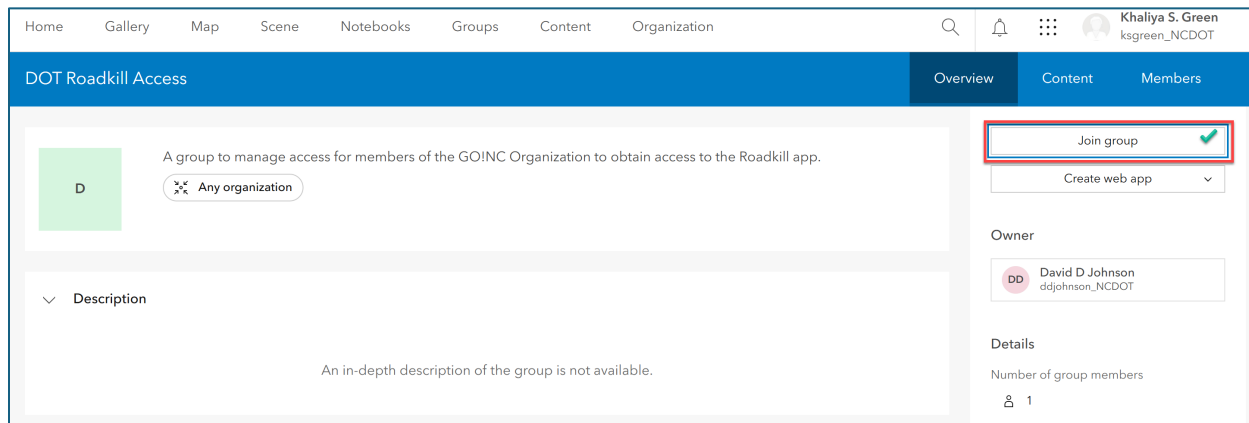
NCDOT Staff- Contact: GISHelp@ncdot.gov to request account access.

GIS Unit will email the requestor a form to complete.

QuickCapture NC Roadkill App User Group

Staff with AGOL accounts must request access to the NC Roadkill App users group via their respective agencies' process.

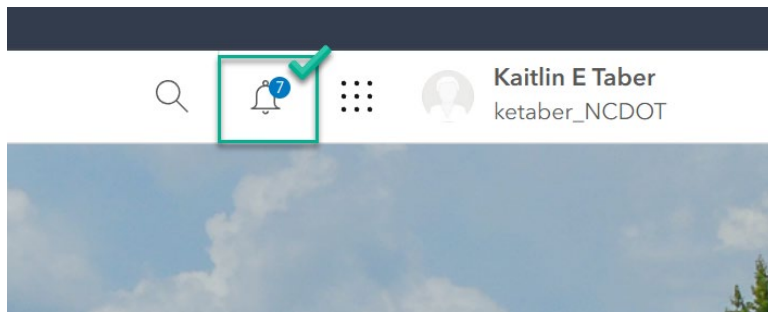
DOT Staff Only – Click the following link [DOT Request NC Roadkill App Access](#) (User must log into GO!NC once clicking the link). Click the 'Join Group' button in the upper right of the screen, and submit request (as shown below).



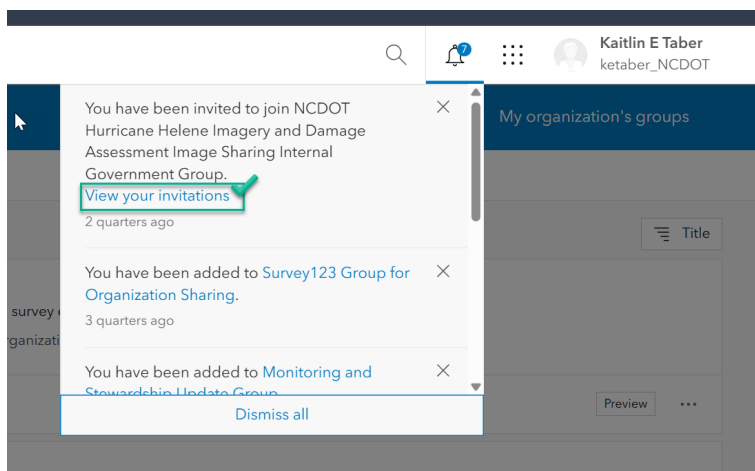
Requests will be processed weekly. Access will be granted, without further user action. Users will receive an email indicating access has been granted.

WRC Staff Only- Click the following link [WRC Request NC Roadkill App Access](#) to start an email addressed to bsg@ncdot.gov with NCRoadkill in the subject line. Please provide full AGOL account name (including .gov or .org) and send the request. Requests to join the group will be processed weekly. User will receive an email and a notification in their AGOL account indicating that the app access has been granted. Users must log in to AGOL account and accept the invitation to join the group (as shown in following screenshots).

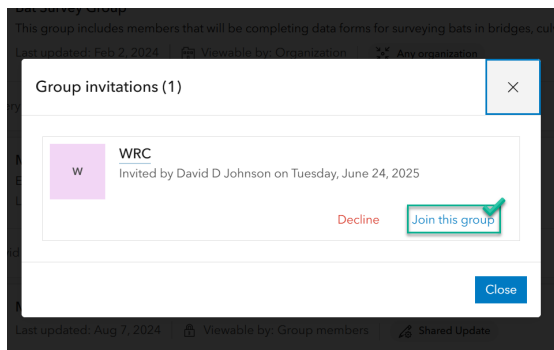
Log in to your AGOL account, and click the notification bubble.



Click 'View your invitations'



Click 'Join this group'



If the user has not received an email and/or AGOL notification within seven days, please email Dave Johnson (ddjohnson@ncdot.gov).

Download the ESRI QuickCapture App to Your Device (All Staff)

Search for 'ESRI QuickCapture' in your app store and install on the users cell phone or tablet.

<https://www.esri.com/en-us/arcgis/products/arcgis-quickcapture/overview>

NC Roadkill App: Initial Setup

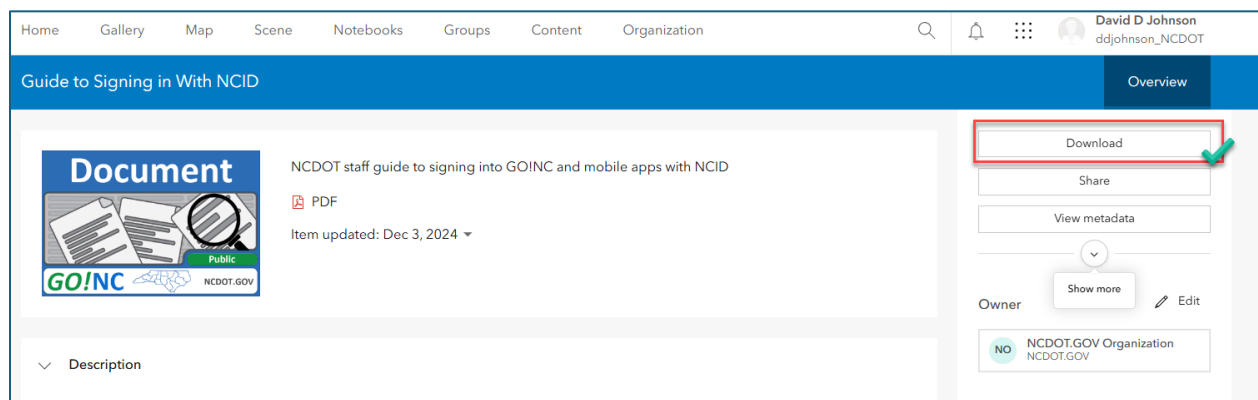
All staff Log-In to the QuickCapture app with your AGOL Account

Allow the app to use 'Location' if prompted.

DOT users (only) must log in on the Quick Capture App using NCID authentication. Follow this link for instructions on logging with NCID.

<https://ncdot.maps.arcgis.com/home/item.html?id=b571b37a9c7d460db091691f718e47c5>

Once the link opens, click the 'Download' Button to open the instructions.



NC Roadkill App: Initial Setup Continued (All Staff)

Once logged-in to QuickCapture, the NC Roadkill App should be visible on the splash-screen.

Click 'NC Roadkill' App to open it. (Figure 1)

If the app is not visible use the search tool to find the NC Roadkill App.

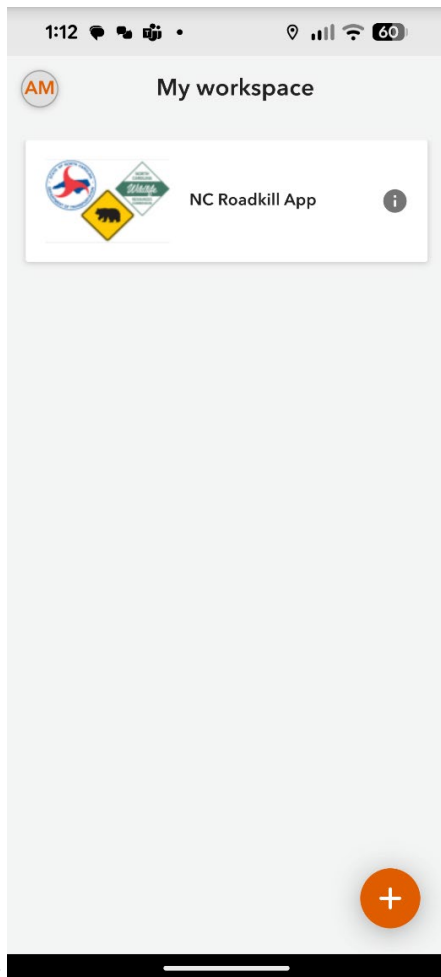


Figure 1:

NC Roadkill App: Data Collection

Tap the button for the observed species to capture the location of the subject. The record will automatically be submitted to the cloud. (Figure 2)

If user chooses: Snake, Turtle or Other the app will prompt to take a photo. Take up to 3 photos and click the Check in lower right corner to accept Photos. (Figure 3)

User can then choose the 'Other' species from a list or enter free text. (Figure 3)

Click 'Done' to place the record in the Outbox. (Figure 3)



Figure 2:

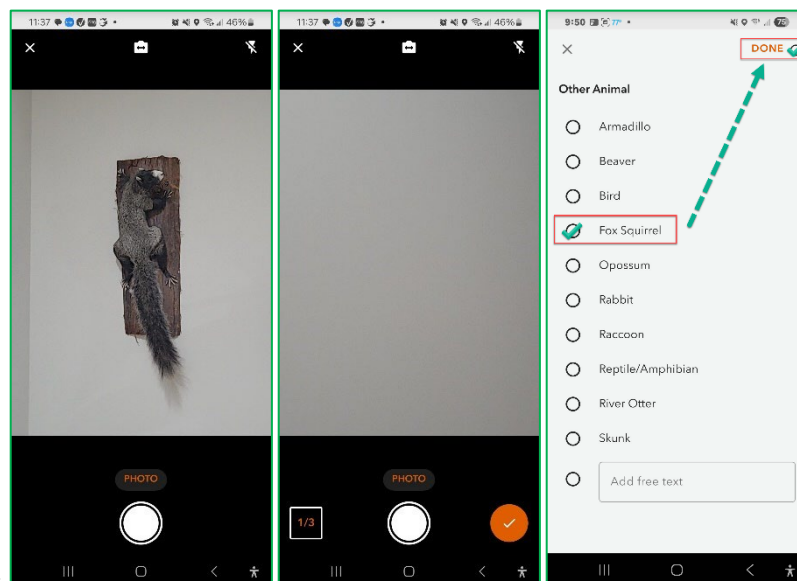


Figure 3:

NC Roadkill App: Data Collection without Internet Access

Once data collection is completed and user has access to the internet, the records can be found in the **Outbox**. If the record is correct as entered click 'Send' to submit record to the cloud. (Figure 4)

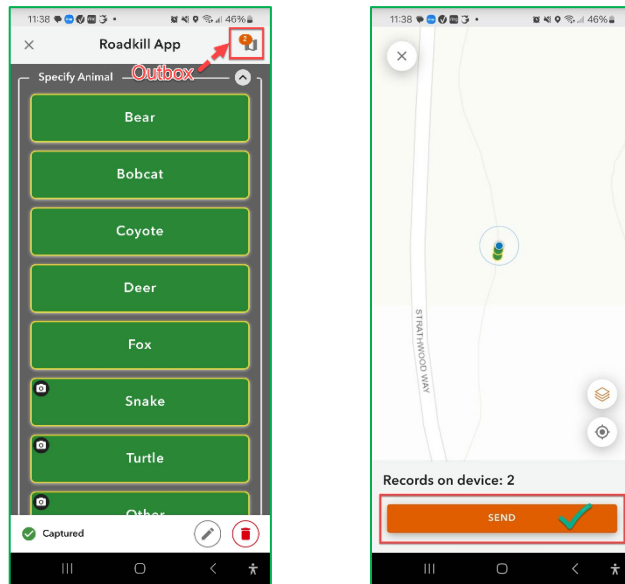


Figure 4:

NC Roadkill App: Editing Record Data Before Record Submittal

Users may edit records they have collected that are in the Outbox.

Click a record on the map and make edits as necessary (Figure 5).

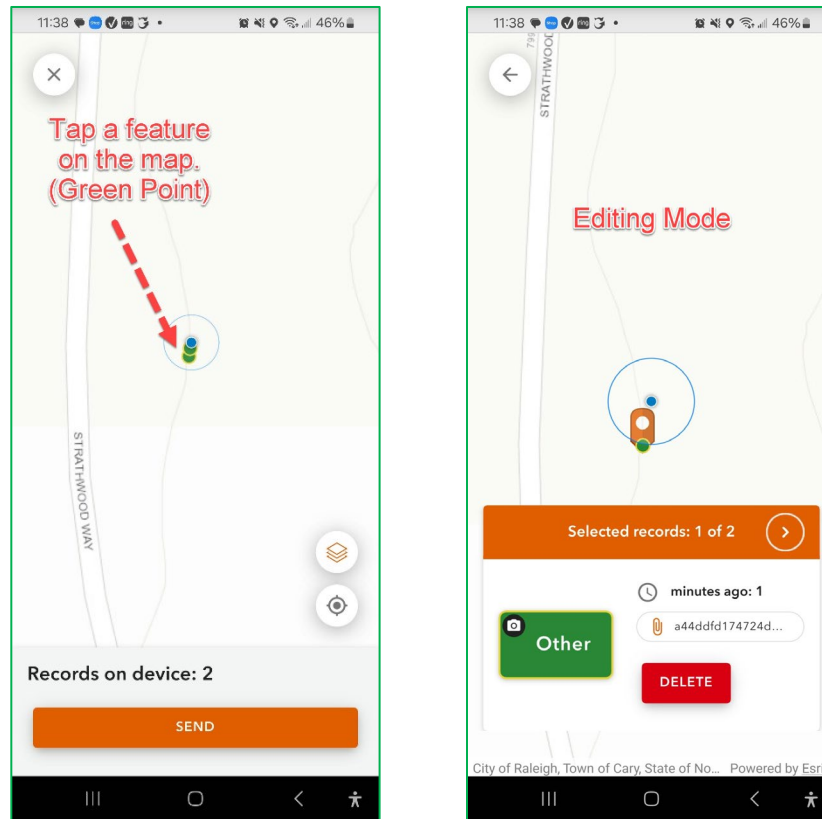


Figure 5:

After all record correction is complete, leave editing mode and click 'Send' to submit corrected records to the cloud.

NC Roadkill App: Editing Record Data After Record Submittal

Users may also edit features after submitting to the cloud, by opening the Feature Layer in a web map on GO!NC.

<https://ncdot.maps.arcgis.com/home/item.html?id=d1fce6b290aa433a89700113d3df2daa>

Editing concerns can be sent to Dave Johnson (ddjohnson@ncdot.gov).