



PRELIMINARY DAMAGE ASSESSMENT (PDA)

Individual Assistance & Public Assistance





REFERENCES

- Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 USC
- Title 44 of the Code of Federal Regulations (CFR)
- Public Assistance Program Policy Guide

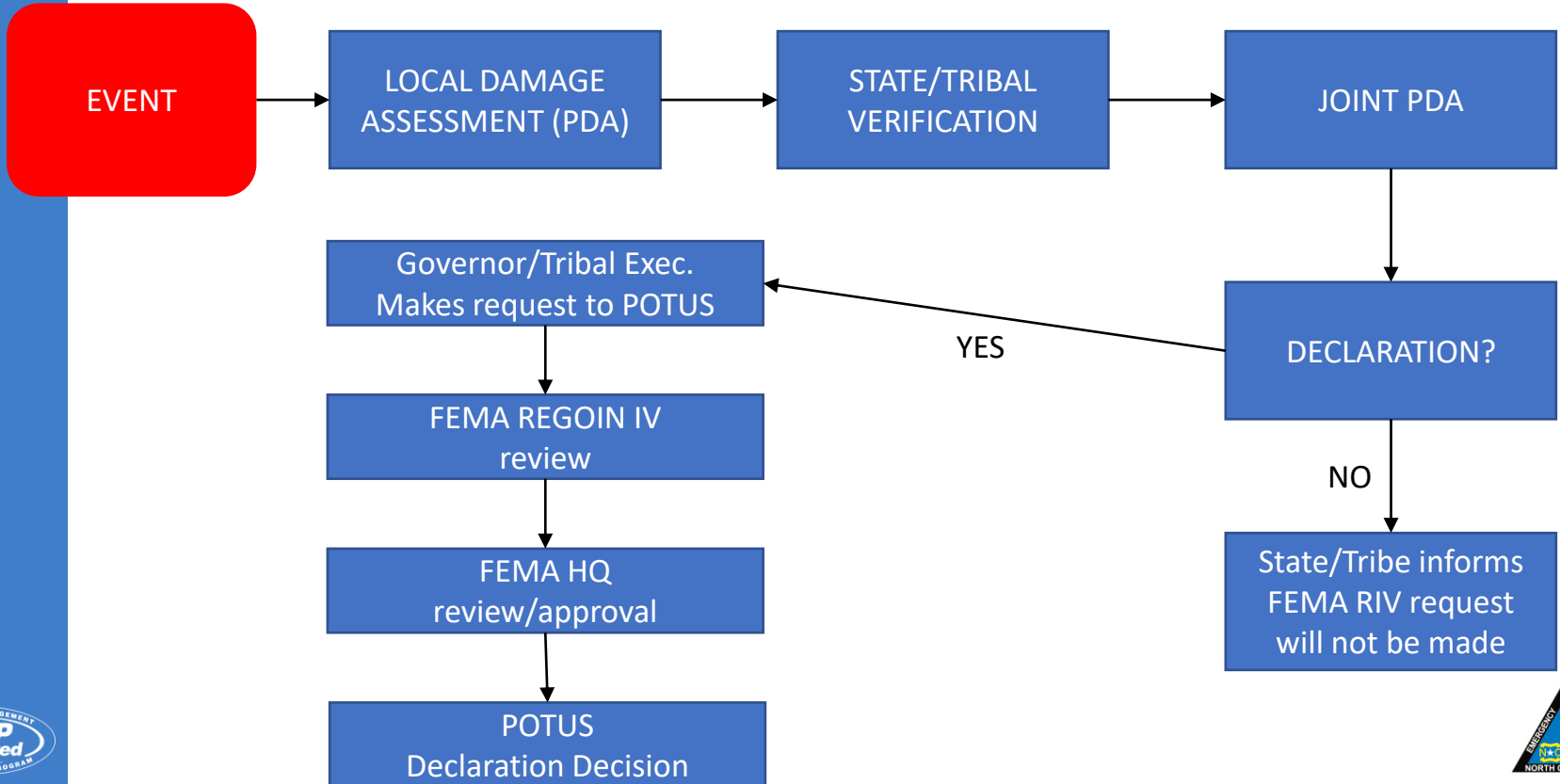




Emergency Management
NC DEPARTMENT OF PUBLIC SAFETY

FEDERAL DECLARATION PROCESS

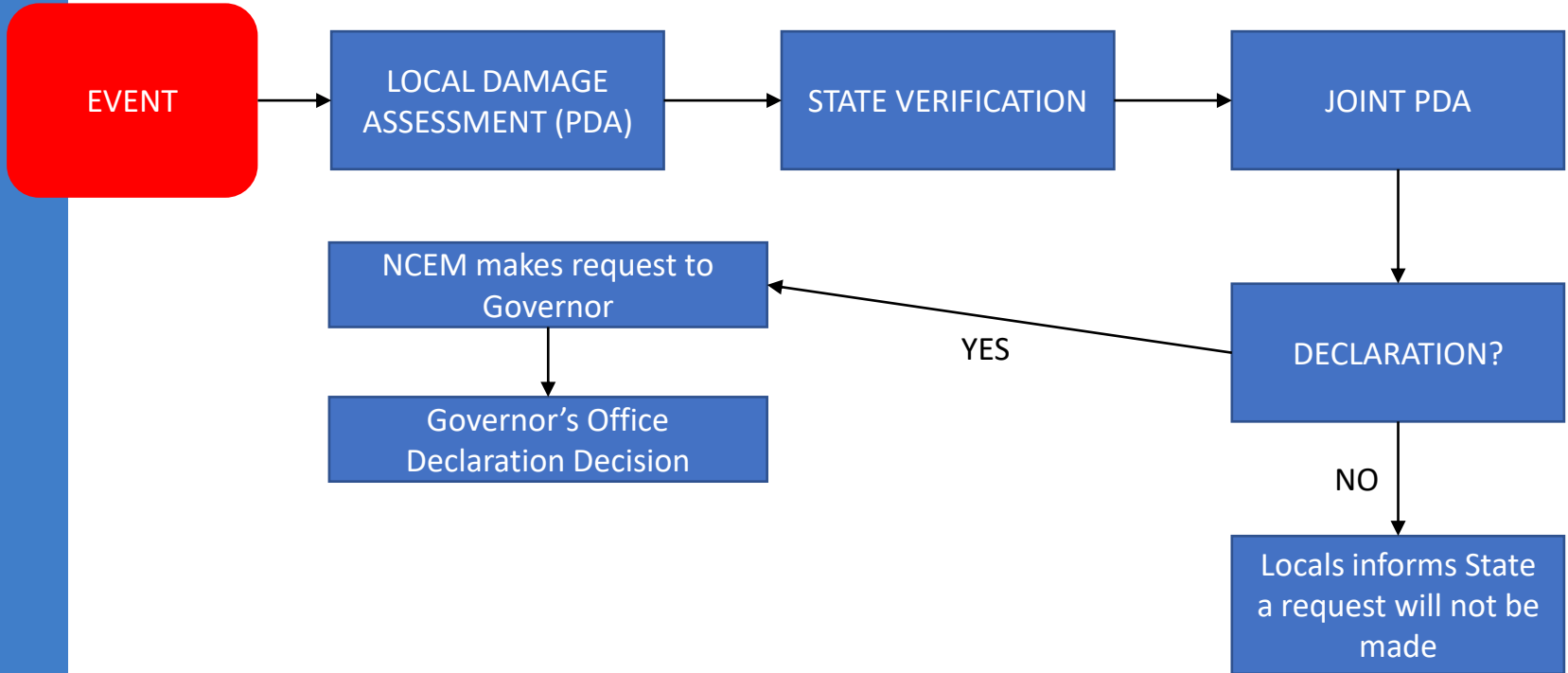






STATE DECLARATION PROCESS







Damage Categories

When you collect each Windshield Damage Report, use the categories below to quantify the extent of damage.



Affected

Structure has minimal damage and is habitable without repairs.



Minor

Structure has non-structural or repairable damage, waterline was 18" or below.



Major

Structure has sustained structural or significant damage, currently uninhabitable.



Destroyed

Structure is total loss or not economically feasible to repair, permanently uninhabitable.



Inaccessible

Structure can not be accessed, an appropriate assessment was not conducted.





Public Assistance Eligible Categories

- A. Emergency Debris Removal
- B. Emergency Protective Measures
- C. Roads, Signs, and Bridges
- D. Water Control Facilities
- E. Public Buildings and Equipment
- F. Public Utilities
- G. Parks, Recreational Facilities, other





Threshold for Declarations

Public Assistance

- Federal Declarations
 - 17M+ (can change)
- State Disaster
 - 1% of Annual Operating Budget or \$10K in UNINSURED eligible expenses (whichever is higher)

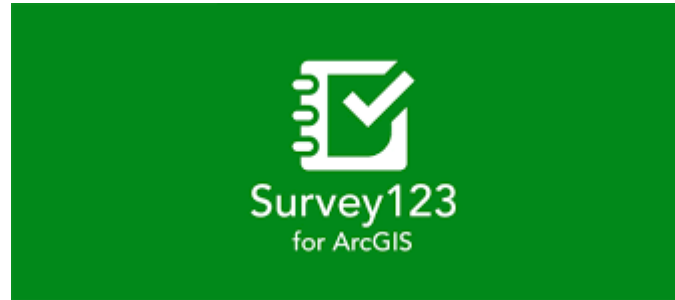
Individual Assistance

- Federal Declarations
 - 6 Different Variables
- State Declarations
 - 25 Homes w/ major impacts or destroyed



RECOVERY

PRELIMINARY DAMAGE ASSESSMENT (PDA) TECHNOLOGY FOR INDIVIDUAL ASSISTANCE (IA) and PUBLIC ASSISTANCE (PA)



Technology Overview

NCEM has worked to standardize the collection of data for a preliminary damage assessment (PDA). In these efforts, NCEM has implemented technology to be used specifically for the capture of data for an Individual Assistance PDA.

Tablet



Smart Phone



iPad



iPhone



ArcGIS Survey123

Download on your mobile device to fill out this form



The technology that NCEM has implemented to standardize the data collection for a PDA is Survey123. This tool is an interactive survey which can be accessed through the Survey123 application for smart phones and tablets.



Downloading the Survey123 Application

QR Code to
download
Survey123 for
Apple devices.



QR Code to
download
Survey123 for
Android devices.





QR Code to
download
Survey123
application for
Apple devices.





Emergency Management
NC DEPARTMENT OF PUBLIC SAFETY

QR Code to
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Survey123
application for
Android devices.



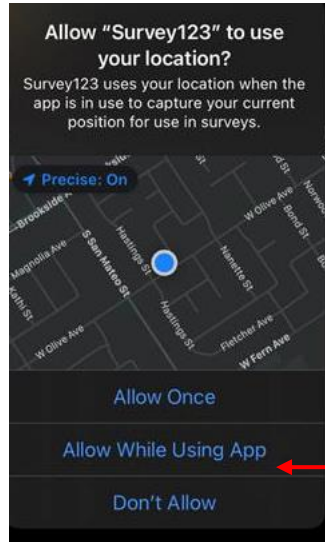
Install Survey 123 Mobile Application

1



Select Continue without signing in.

2



Select Allow While Using App.

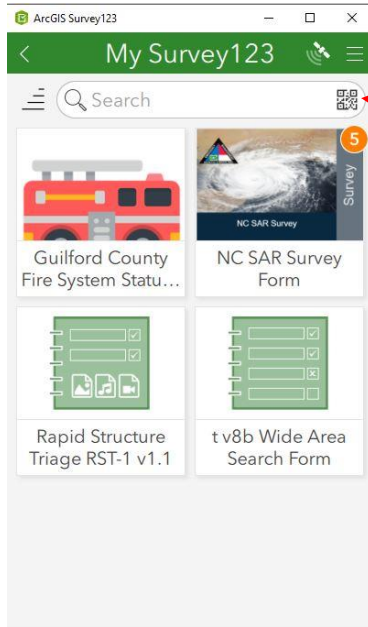
3



Select OK

Install Survey 123 Mobile Application

1



Click QR Code to access Reader

2



Scan QR Code to IA Training Survey

3

If prompted, select "open in Survey123 app".



Scan QR Code for NC
Damage Assessment
(IA)
TRAINING Survey



Survey will automatically
open in Survey123 after
scanning. Just click the
'X' in the top-left corner to
exit the survey if you are
not intending to use it
right away.

Scan QR Code for NC
Damage Assessment (IA)
Authoritative Survey





DATA COLLECTION

QR Code Quick Share



Field Data Collection

- **Quick Share:** Click arrow to left to open QR Code. ▶
- **Survey instructions:** Click arrow to left to open. ▶

Event Details: ▼

Team Type*

- USAR
- Swiftwater
- Helicopter
- Damage Assessment Team
- Other

Survey Instructions



Select "Damage Assessment Team"





PDA Team Name



Team Name*

Your Team Name should be your assigned **Task Force Identifier** I.E. NC TF-6, if a **Water Component** I.E. NC TF-6 SWR Or use your **State postal code and County name** I.E. NC Henderson SWR ★ **Set as Favorite** (using the top right hamburger button) to pre-populate future forms.

Buncombe County PDA Team 1

Individual's Name
Entering Data



Your Name

John Example

Select County
where PDA is
occurring



County*

Buncombe ▼



EVENT DETAILS / SAVE FAVORITES

Field Data Collection

Event Details:

Team Type *

- USAR
- Swift Water
- Helicopter
- Damage Assessment Team
- Other

Team Name *

Your Team Name should be your assigned **Task Force Identifier** I.E. NC TF-6, if a **Water Component** I.E. NC TF-6 SWR Or use your **State postal code and County name** I.E. NC Henderson SWR ★ Set as Favorite (using the top right hamburger button) to pre-populate future forms.

NCEM Team 1

Your Name

David Gale

County *

Buncombe

Location *

Select the map to improve location accuracy or search an address / place / USNG. For damage surveys - be sure to "drag" the pin to the building footprint where available.

35°33'N 82°39'W ± 35 m

Field Data Collection

★ Clear as favorite answers

Event Details:

Team Type *

- USAR
- Swift Water
- Helicopter
- Damage Assessment Team
- Other

Team Name *

Your Team Name should be your assigned **Task Force Identifier** I.E. NC TF-6, if a **Water Component** I.E. NC TF-6 SWR Or use your **State postal code and County name** I.E. NC Henderson SWR ★ Set as Favorite (using the top right hamburger button) to pre-populate future forms.

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Field Data Collection

Event Details:

Team Type *

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- Swift Water
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- Damage Assessment Team

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Buncombe

Location *

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35°33'N 82°39'W ± 35 m

Acton

Close Survey

- Save in Drafts
- Continue this survey
- Close and lose changes

1

2

3

4

5

6

7


8





EVENT DETAILS / SAVE FAVORITES

NC Damage Assessment- Training



Training Survey123 for Windshield Surveys by non-SAR Resources. Links to NC...
Version: 3.0f
Owner: susic_GFD
Created: 6/25/22 9:50 AM
Modified: 9/4/22 4:05 PM

Survey for Windshield Surveys by non-SAR Resources. Links to NC SAR Survey

1 →

- Collect
- Drafts 1
- Sent 1

Field Data Collection

2 ↑

Event Details:

Team Type *

- USAR
- Swift Water
- Helicopter
- Damage Assessment Team
- Other


Team Name *
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Your Name

County *

Location *
Select the map to improve location accuracy or search an address / place / USNG. For damage surveys - be sure to "drag" the pin to the building footprint where available.

35°33'N 82°38'W ± 6.9 m



Field Data Collection

3 →

Event Details:

Team Type *

- USAR
- Swift Water
- Helicopter
- Damage Assessment Team
- Other

Team Name *
Your Team Name should be your assigned **Task Force Identifier** I.E. NC TF-6, if a **Water Component** I.E. NC TF-6 SWR Or use your **State postal code and County name** I.E. NC Henderson SWR ★ **Set as Favorite** (using the top right hamburger button) to **pre-populate future forms.**


NCEM Team 1

Your Name
David Gale

County *
Buncombe

Location *
Select the map to improve location accuracy or search an address / place / USNG. For damage surveys - be sure to "drag" the pin to the building footprint where available.

35°33'N 82°38'W ± 6.9 m



Set as favorite answers
 Paste answers from favorite



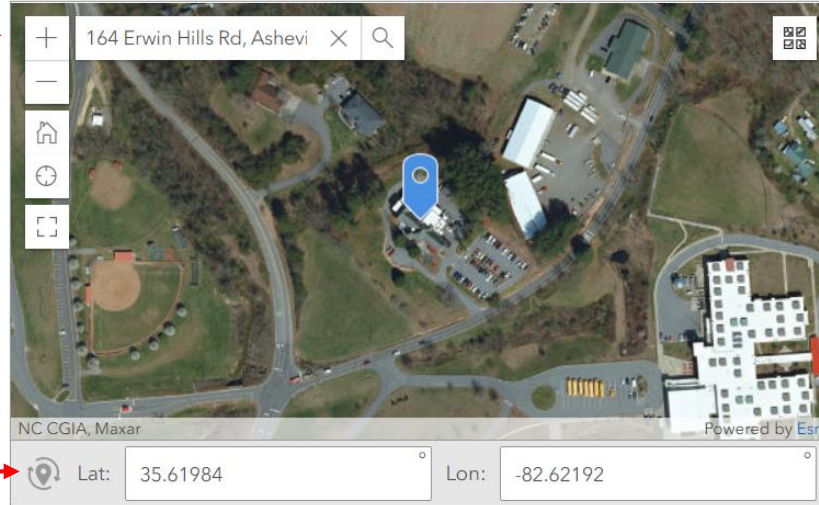
LOCATION

Location*

Select the map to improve location accuracy or search an address / place / USNG. For damage surveys - be sure to "drag" the pin to the building footprint where available.

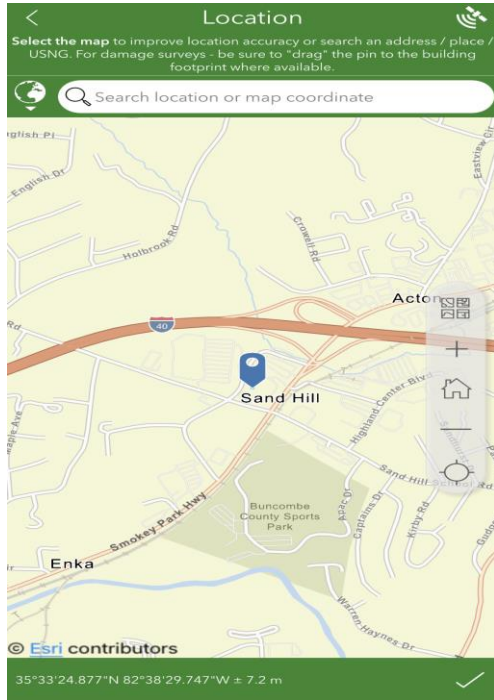
1. Enter Address of dwelling

2. Once address is entered, latitude & longitude will generate.

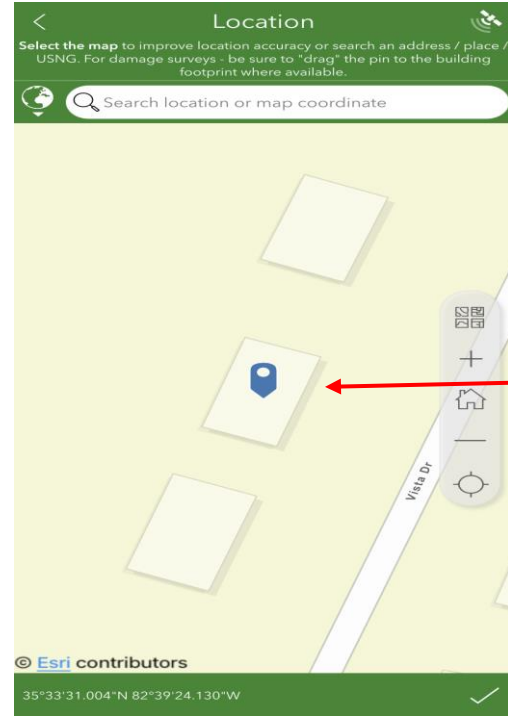


3. Tap to open map.

LOCATION



Select the plus option to zoom in on location.

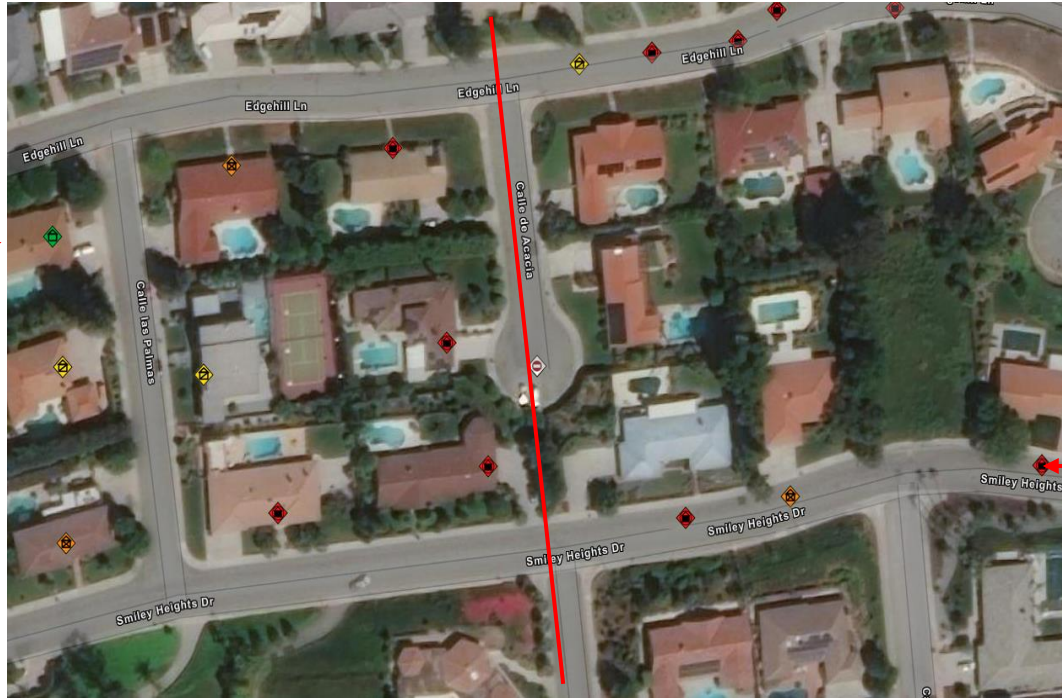


Move pin directly over structure.

Select check mark when complete.

Damage Assessment Waypoint Locations

GOOD!
Waypoint is directly on structure.



BAD!
Waypoint is in the street.




"Damage" is automatically selected.



Field Data Collection

Waypoints *


 Damage


Address or Location
OPTIONAL: Street Address or Location Description

Structural Damage


 Structure - Unaffected

 Structure - Affected

 Structure - Minor

 Structure - Major

 Structure - Destroyed

 Structure - Unknown

Structure Type

Residential Single-Family Dwelling

Residential Multi-Family Dwelling

Mobile Home

Manufactured Home

Commercial

Industrial

Select the structural damage of the affected structure.



Select the Structure Type.





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Major

Structure has sustained structural or significant damage, currently uninhabitable.



Destroyed

Structure is total loss or not economically feasible to repair, permanently uninhabitable.



Inaccessible

Structure can not be accessed, an appropriate assessment was not conducted.





Select the insurance status of the identified structure.

Is there Insurance for this peril?

Yes

No

Unknown

Not Assessed

Damage Comments

OPTIONAL: Please list any additional intel related to the damage including safety hazards.

Select If insurance question is unknown or not assessed

Follow-Up*

Select an option below to indicate if follow-up is needed.

Needs Follow-Up



Assigned



Completed / No Follow-Up Needed



OPTIONAL: Please add up to (5) photos if you think it will help verify your field observations or if instructed to do so.

Use the icons below to capture a new photo or browse and select a photo from your device.

Photo 1

Select image file

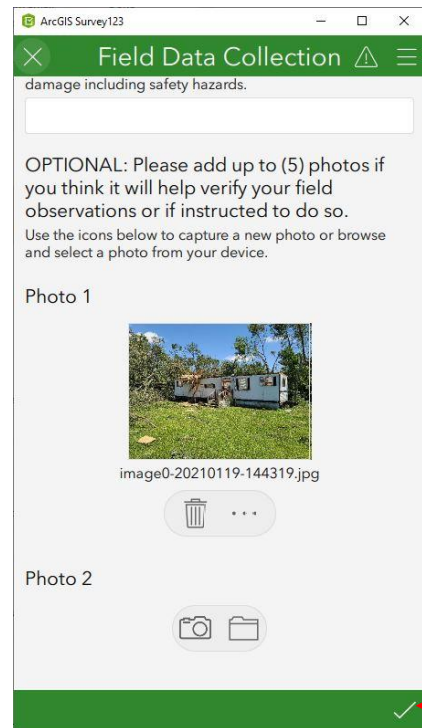
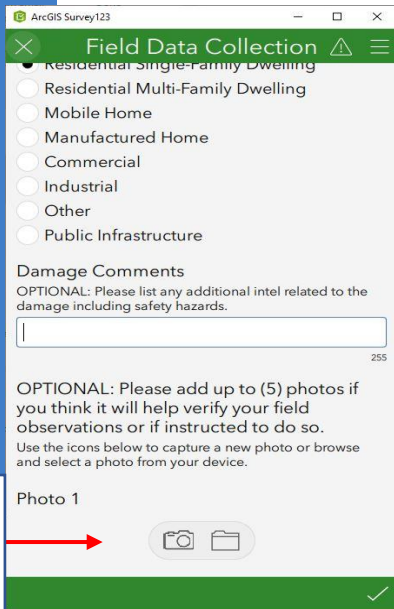


Select "submit" to complete survey

Submit

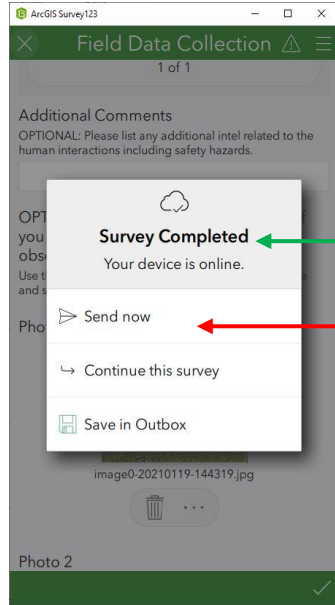
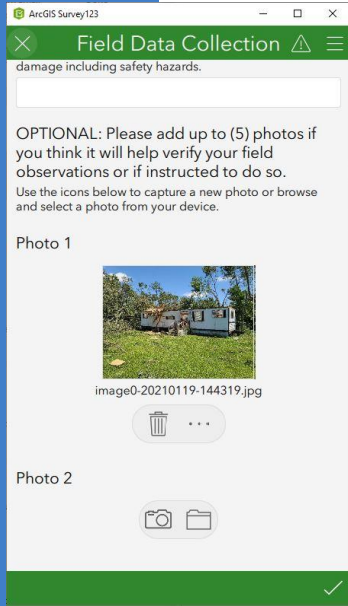
Select the camera icon to access device camera to take and upload a picture.

TAKING PHOTOS



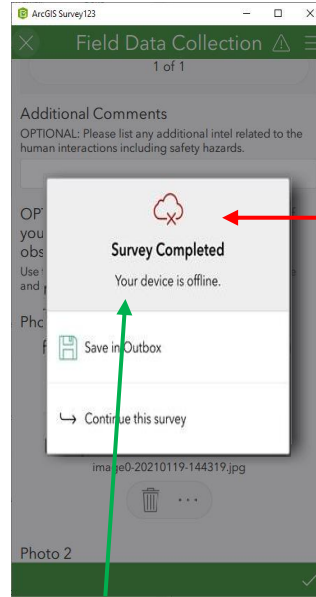


SUBMIT THE FORM



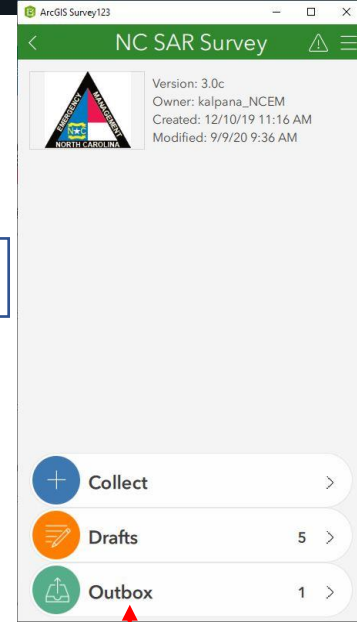
ONLINE

SEND NOW



OFFLINE

Save in Outbox



Once you have internet connection, you must manually send the surveys in the outbox.





Public Assistance (PA) Survey

Public Assistance (PA) workflow in Survey123 is the same as Individual Assistance (IA), but the survey questions are different.



Scan QR Code (left)
for Public Assistance
(PA) **TRAINING**
Survey



Scan QR Code
(right) for Public
Assistance (PA)
Authoritative
Survey





Questions?

Recovery

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