

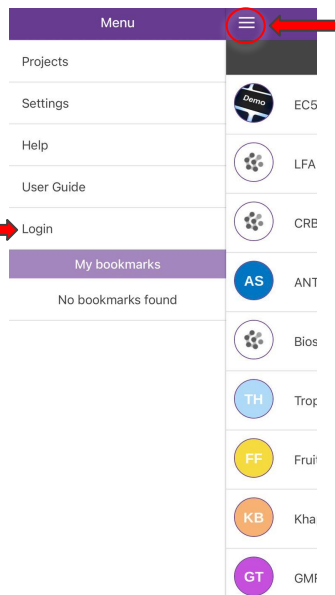
# Survey Data Collection and Mapping



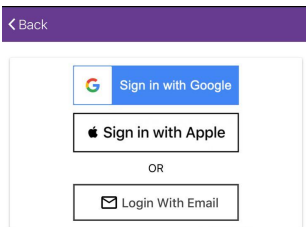
# What's first?

- Download app software- Epicollect 5
- Creating an account
- Add project -> Invasive Ant Survey TEST RBTW

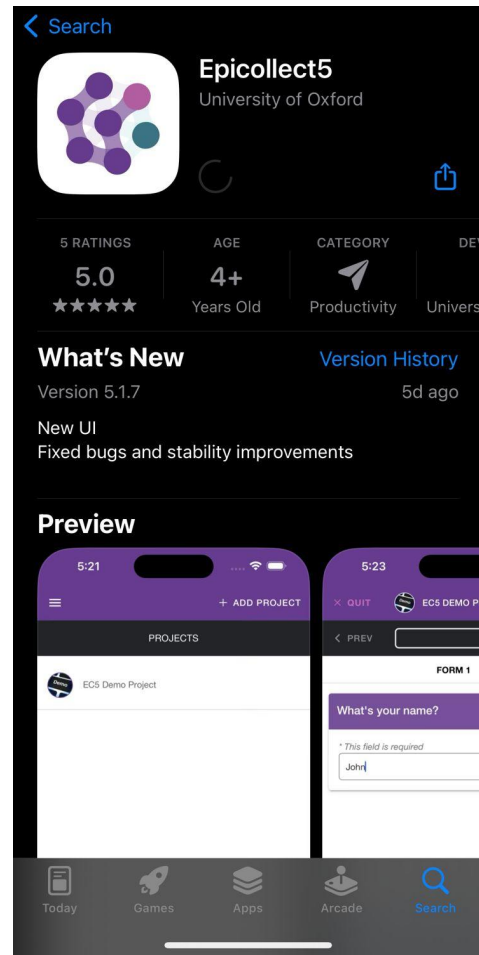
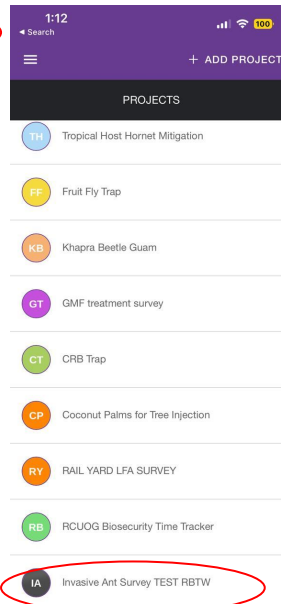
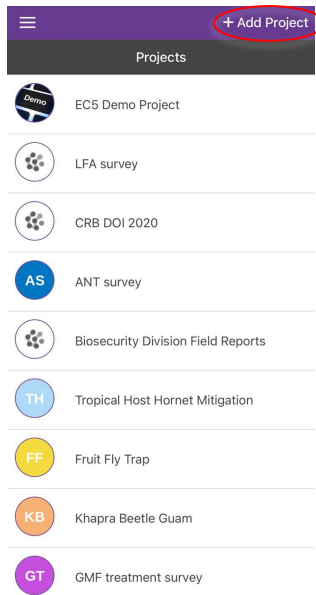
## Step 1 :



## Step 2:



## Step 3:



# Preparing for Survey

You will need:

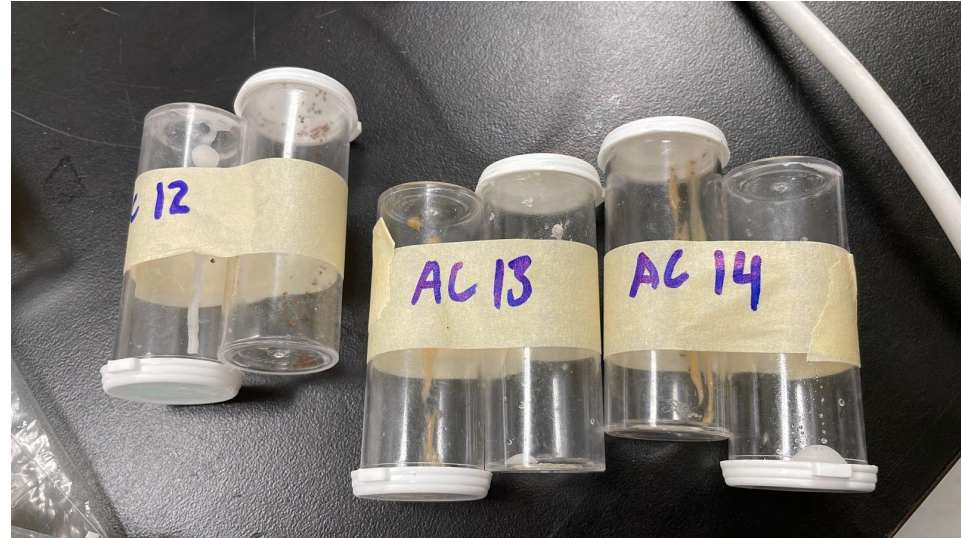
- Survey tubes with caps
- Peanut Butter/PB + spam
- Honey/Sugar water/Jelly
- Masking tape
- 1 gallon ziplock bag
- Sharpie/Permanent marker
- Cellular device with Epicollect5 installed



Prepare half of the tubes by smearing a TINY bit of PB or PB+spam

# Preparing for Survey

- Prepare half of the tubes by smearing a TINY bit of PB or PB+spam (fat/protein lure)
- Repeat with honey, sugar water, or jelly with the remaining tubes (sugar lure)
- Tape 1 fat/protein lure and 1 sugar lure together into a bundle.



When it comes to applying pb and sugars to the tubes, “more” is NOT better.  
“Just a dab will do ya”

# Survey Instructions

- Drop pair of vials in a path.
  - 20 feet apart.
  - \*Most ants like shady and moist areas
- Wait 45 minutes to pick up survey vials.
- Epicollect every vial you collect (negative and positive.)

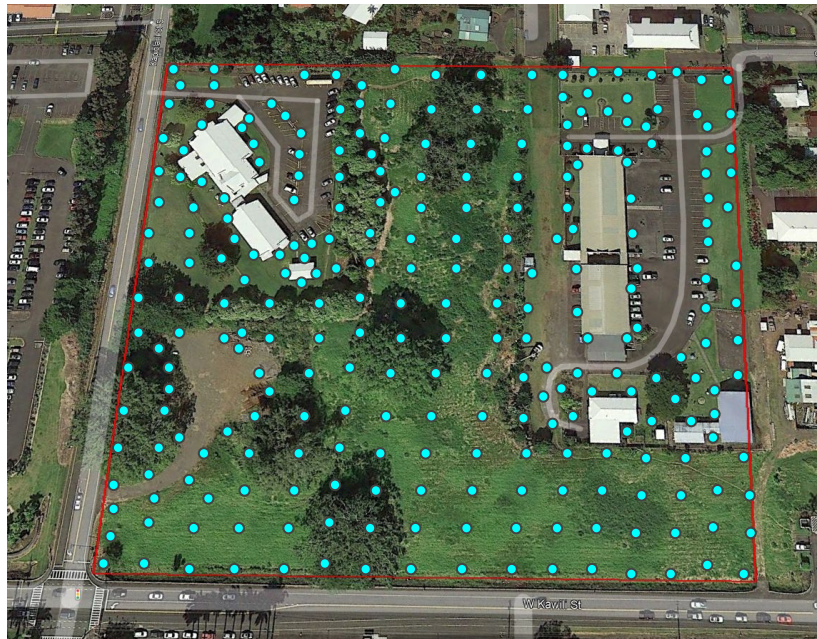
Perfect world survey



# Survey Instructions

- Drop pair of vials in a path.
  - 20 feet apart.
  - \*Most ants like shady and moist areas
- Wait 45 minutes to pick up survey vials.
- Epicollect every vial you collect (negative and positive)

Real world survey





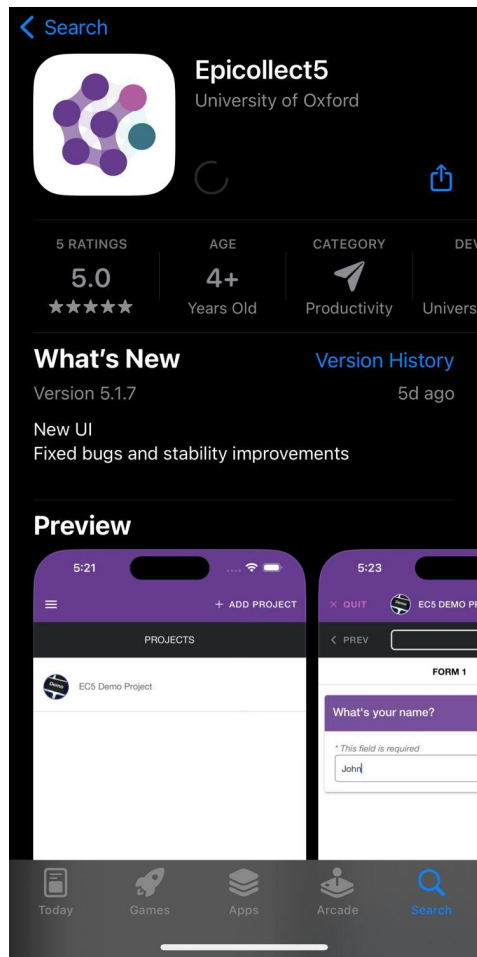
# How to Epicollect!?

Step 1: Open Epicollect5 on your phone when you are collecting your vials.

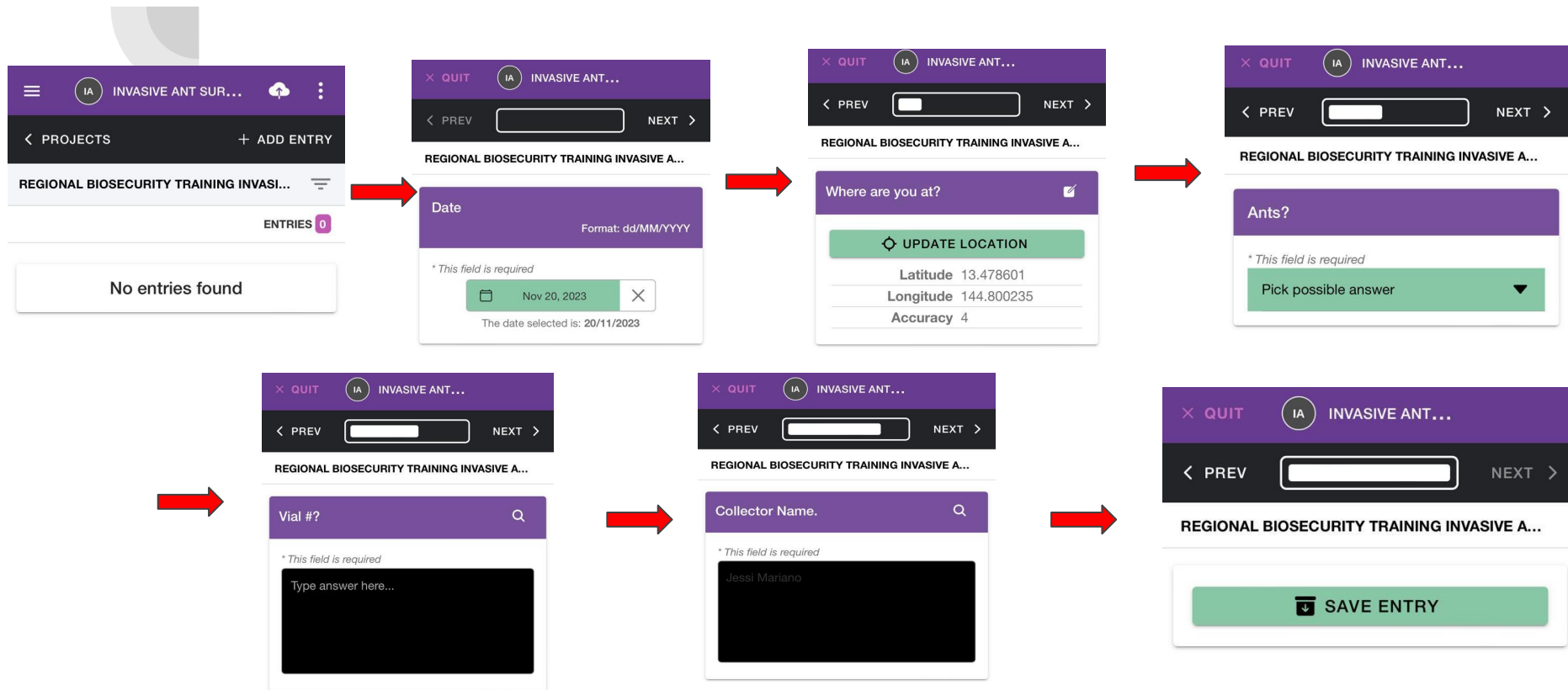
Step 2: Select the appropriate project for your survey.

Step 3: Add entry and fill out the survey form.

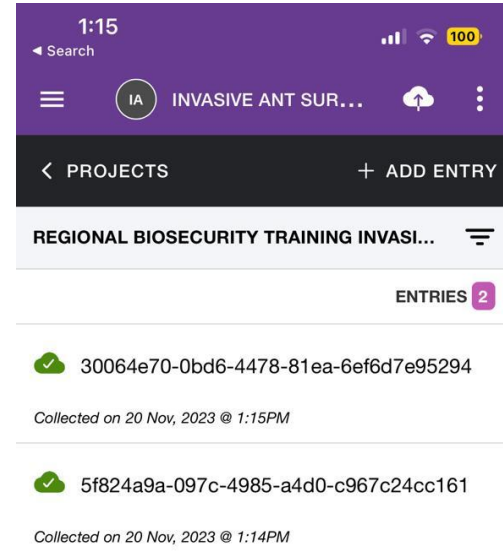
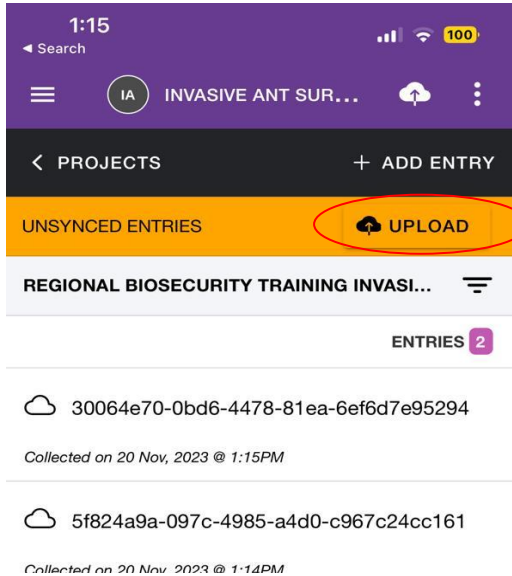
Step 4: Upload all data entries.



# Adding an entry:



# Uploading data to Epicollect Cloud\*



\*Be sure that all entries have a green check mark once uploaded

# Data Mapping: Extracting data!

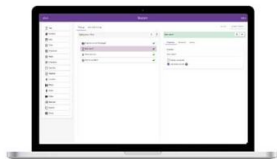
- Visit Epicollect 5 on desktop browser: <https://five.epicollect.net/>
- Once on the website, log into your account and select your specific project.



Hi, Jessi Hannah   My Projects   Create Project   Find Project   User Guide   Logout

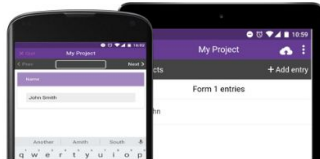
Free and easy-to-use mobile data-gathering platform.

Available on



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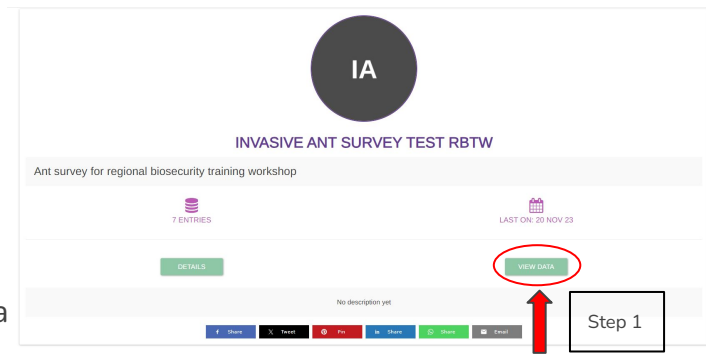
epicollect5

Do you have any questions?

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# Extracting data: Part 2

- Once you have selected the project you wanted to retrieve data
  - Go to view data .
  - Click download.
  - Customize the time frame you want and click download.
    - Your file will then be downloaded to your desktop files.



IA Invasive Ant Surv... Regional Biosecurity Training Invasive Ant Survey

Download

Mapping

EC5\_AUTO

Timeframe

LIFETIME

Format

CSV JSON

DOWNLOAD

Step 2

Hi, Jessi Hannah Logout Download Table Map Exit

Add Regional Biosecur... Total: 7, 1/1

FROM: 09 NOV, 23 TO: 20 NOV, 23 NEWEST X

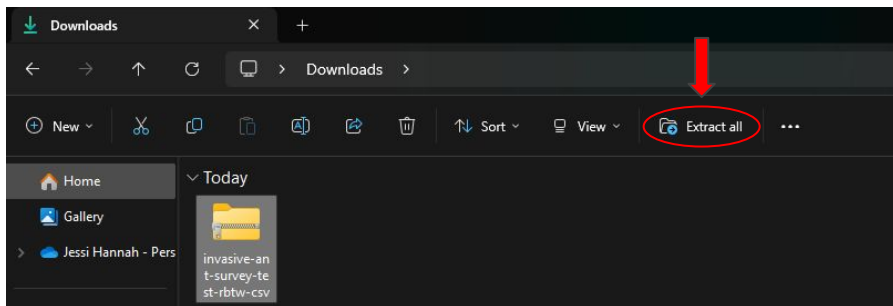
|         | Created At     | Date       | Where are you at?      | Ants?    | Vial #? | Collector Name. |
|---------|----------------|------------|------------------------|----------|---------|-----------------|
| 478-... | 20th Nov, 2023 | 20/11/2023 | 13.478553, 144.80027   | Negative |         |                 |
| 85-...  | 20th Nov, 2023 | 20/11/2023 | 13.478571, 144.800302  | Positive | 1       | Jessi Mariano   |
| 32a-... | 11th Nov, 2023 | 10/11/2023 | 19.735559, -155.151933 | Positive | 12      | Mm              |
| c1-9... | 11th Nov, 2023 | 10/11/2023 | 19.735559, -155.151933 | Positive | 123456  | Mm              |
| 2f-9... | 11th Nov, 2023 | 10/11/2023 | 19.735564, -155.151973 | Positive | 12345   | Michelle        |
| 27-8... | 9th Nov, 2023  | 09/11/2023 | 13.478481, 144.80024   | Negative |         |                 |
| 1-a-    | 9th Nov, 2023  | 09/11/2023 | 13.478536, 144.800105  | Positive | 1       | Jessi           |

Step 3

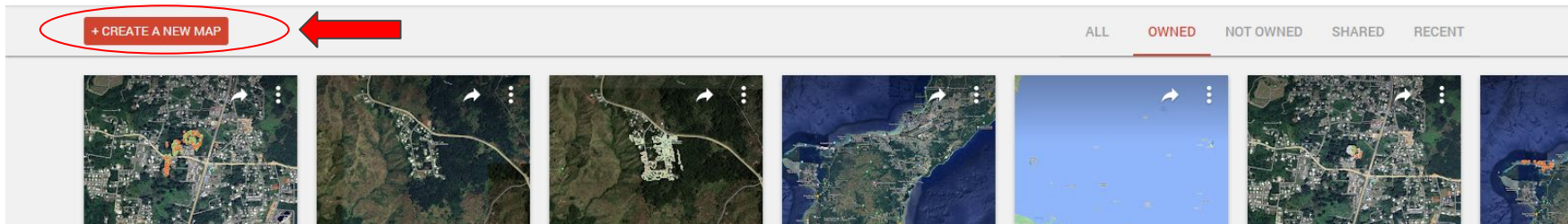
# Creating your maps!

- Once your csv file has been downloaded to your computer, select the folder in your files and “extract all.”
- Now, you can use it to create your map on Google Maps!
- Open up your browser to My Google Maps
  - Select “Create A New Map”

(<https://www.google.com/maps/about/mymaps/>)

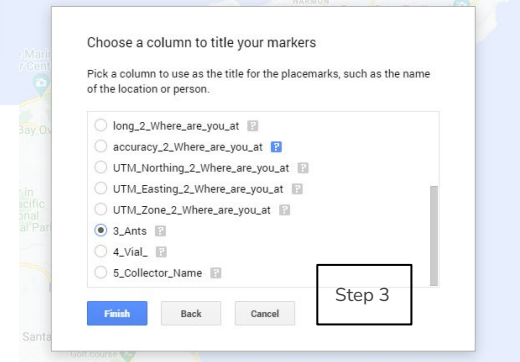
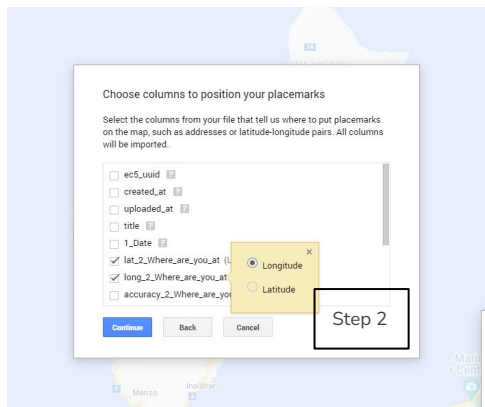
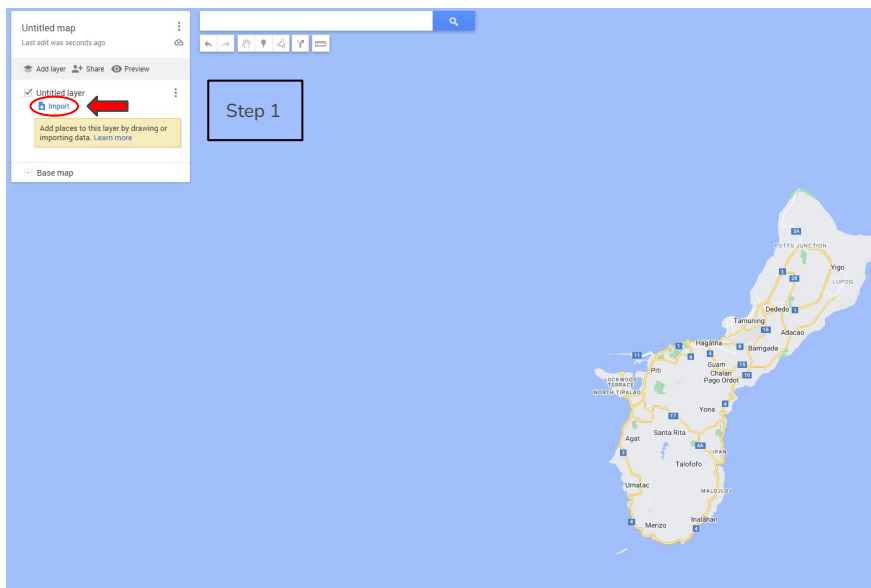


Google My Maps



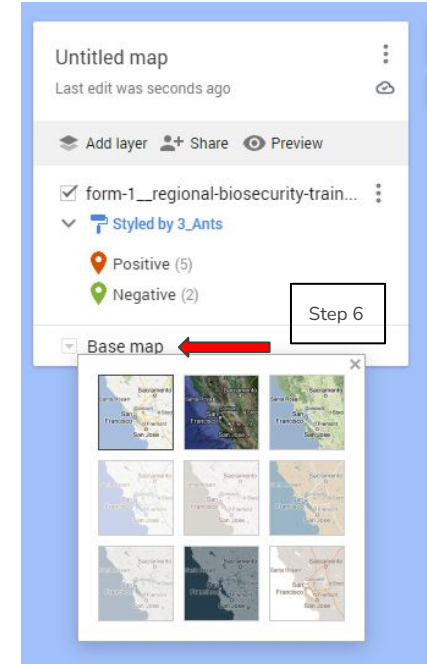
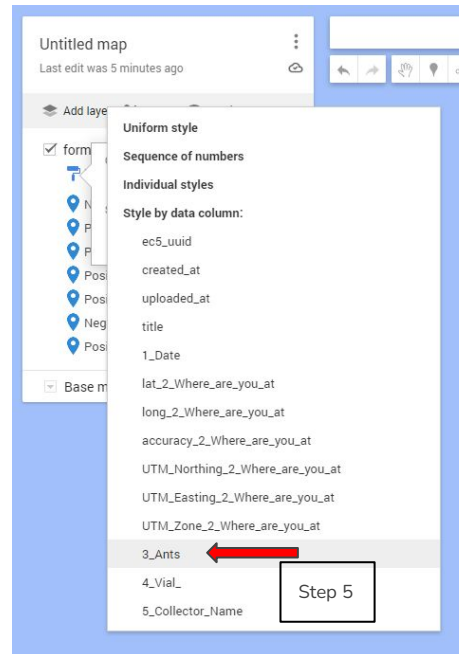
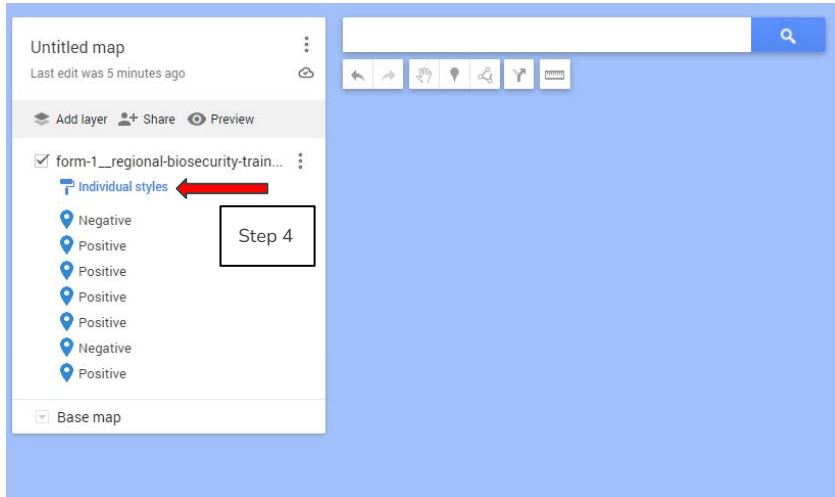
# Creating your map: Part 2

- Next, select “import” on your browser and choose the proper csv extracted file.
- Select “lat\_2\_where\_are\_you\_at” -> select latitude
- Select “long\_2\_where\_are\_you\_at” -> select longitude
- Select Continue
- Choose what category you want for your specific map,for this, we choose “3\_Ants”



# Creating your map: Part 3

- Your data will then be populated on the map.
- Select “Individual Style” to categorize the data.
- Select “3\_ants” to show ant data.
- To change map, select base map and choose the map you would like to use.

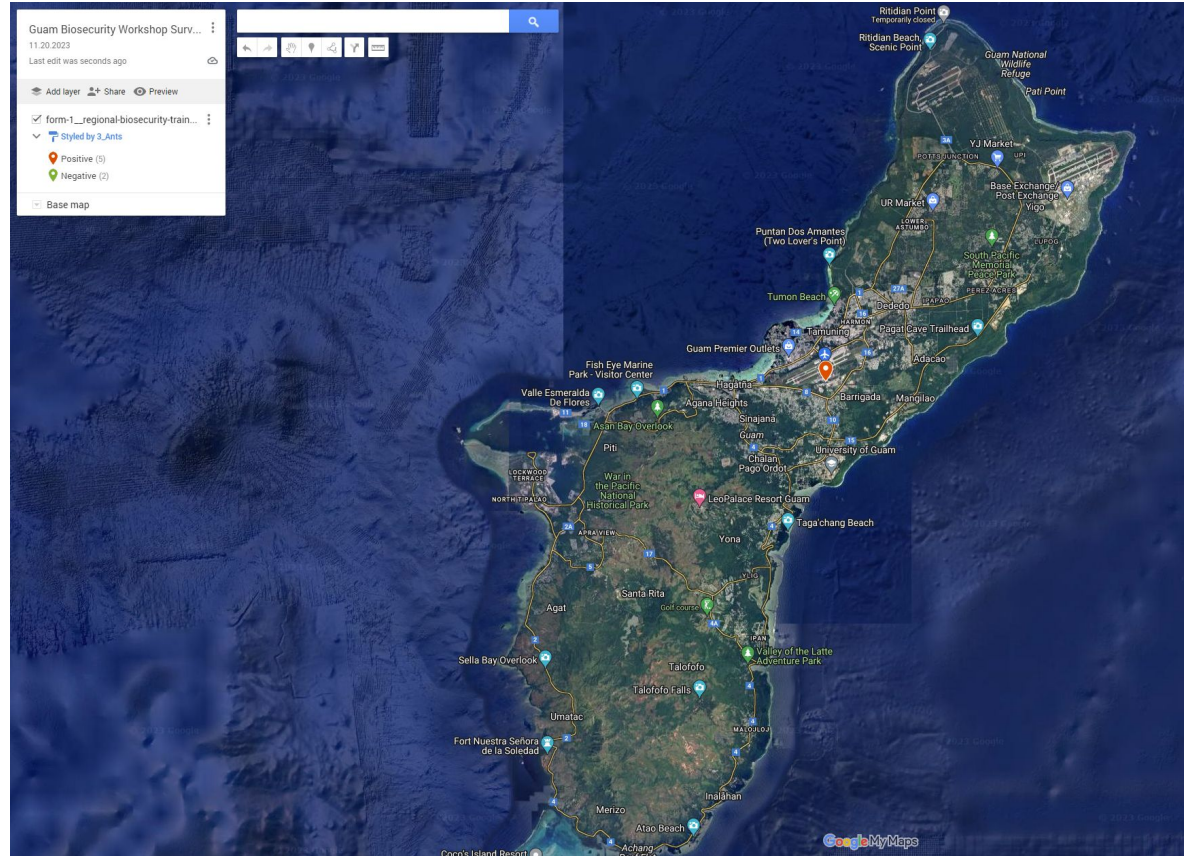


# Creating your map: Last part!



And you're all done!

- You can add a name to your project for better organization.
- You can zoom in and out to check out your survey points.





**Any Questions?**



**Si Yu'us Ma' åse!**