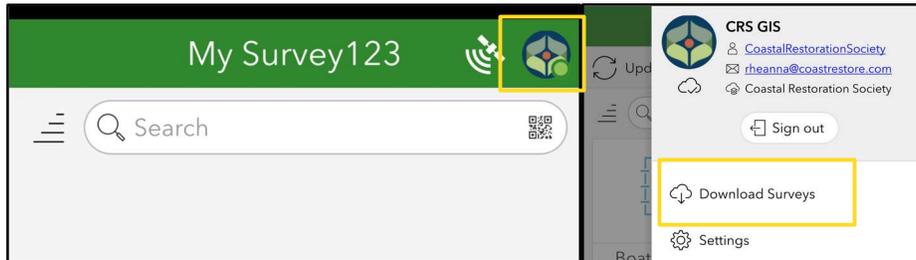


# Guide for Data Collection with Survey123

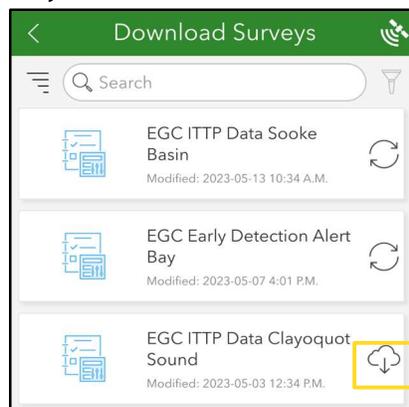
Before you enter the field, please do the following while connected to wifi:

Download the ArcGIS “Survey123” app on your device

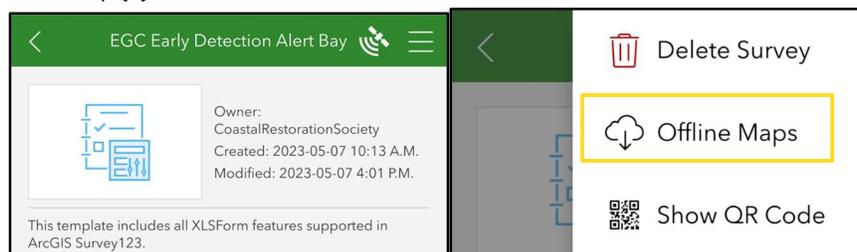
- a) Sign in to **Survey123** with your team's ArcGIS login.
- b) Click the **logo** in the top right corner, from the drop-down menu select “**Download Surveys**”.



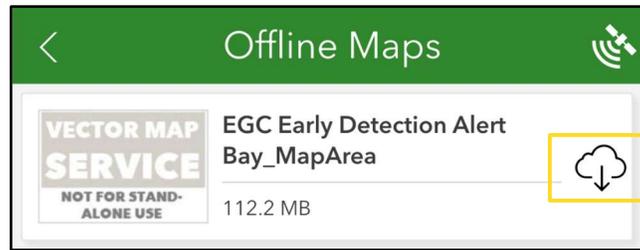
- c) Choose the survey for your region “**EGC Early Detection Location Name**” (E.g. EGC Early Detection Sooke Basin). Hit the download button for the survey.



- d) After the early detection survey is downloaded, click on the survey to open it. In the top right corner, click the three bars, then “**Offline Maps**”. Click the download button on the right of the map(s).



# Guide for Data Collection with Survey123



## Day one in the field (dropping traps):

- 1) Record the time each set was dropped on your paper datasheet or device in notes.

Note Site if more than one.

Sooke Basin

	Set 1	Set 2
Feb 12, 2025	12:00	12:30

## Day two (when you get to your traps):

In Survey123 open your downloaded EGC Survey (E.g. "EGC Early Detection Sooke Basin").

- 1) Fill out the **Site name, Salinity, Water Temperature,** and observational **Field Comments**.
- 2) Fill out the **drop time and date,** recorded in the device notes yesterday.

For each trap:

- 3) Fill out **Trap Number**.
- 4) Fill out the **pull time and date,** which is when traps were pulled up for data collection.
- 5) Fill out trap **usability**. This indicates whether the trap data should be excluded from analysis due to an issue, for example, holes, no bait, or open trap, or should be kept if it was simply empty.
- 6) Fill out the type of **gear** that was used such as a prawn or minnow trap.
- 7) Fill out bycatch **species** (all non-crabs), **number observed** and **number deceased** if any.
  - a. Press the + sign for each species. See below.
- 8) Take photographs of any bycatch species that need to be identified and write "Other" in the species column. Write species descriptor and number to match photo, (e.g. yellow sculpin x2).
- 9) For crabs fill out **species, sex, number observed, number deceased** and **size**.
  - a. Press the + sign next to **crab size** to add another size.
  - b. Press the + sign below for another **species** or another **sex** (Male/Female/Berried).

## Guide for Data Collection with Survey123

- 10) Take photographs of any crab species that need to be identified and write "Other" in the species column. Write species descriptor and number to match photo, (e.g. yellow crab x3).
- 11) Hit the ✓ at the bottom (may be hidden by keyboard) then "Save in Outbox".

The image displays three sequential screenshots of the Survey123 mobile application interface for 'EGC EDP Data Alert Bay'. Each screenshot shows a different section of the data collection form, with yellow boxes highlighting specific fields and buttons.

- First Screenshot (Daily Information):** Shows the 'Daily Information' section. Fields include 'String Number' (radio buttons 1, 2), 'Trap Number' (radio buttons 1-6), 'Pull Time and Date' (Date and Time pickers), 'Usability' (checkboxes for 'no problems', 'malfunc.', 'empty, no EGC', 'trap damaged', 'hole', 'no bait', 'live fish'), and 'Gear' (radio buttons for 'minnow trap', 'prawn trap'). A 'Bycatch' section is partially visible at the bottom.
- Second Screenshot (Bycatch):** Shows the 'Bycatch' section with a table for 'Species', 'number observed', and 'number deceased'. Below this is a 'Crabs' section with 'Sex' (radio buttons for Male, Female, Berried) and 'Crab Size' (Carapace Width (mm) field). A '1 of 1' indicator and a '+' button are highlighted.
- Third Screenshot (Crabs):** Shows the 'Crabs' section with 'Sex' (radio buttons for Male, Female, Berried) and 'Crab Size' (Carapace Width (mm) field). A 'number deceased' field is also present. A '1 of 1' indicator and a '+' button are highlighted.

Checkmarks are visible at the bottom of each screenshot, indicating that the data has been saved.

### Notes:

- If you forget something or make a mistake, it can be fixed in the ArcGIS Server after being sent. Write the issue under "Notes" on the next trap if you remember right away. (E.g. hole in the last trap, lat/long incorrect trap #1 etc.). Otherwise, when reviewing the data in ArGIS online, look for any errors such as:
  - traps being misnumbered
  - drop and pull dates being the same when you did not pull them on the same day
  - drop and pull times outside of work hours
  - species you don't recall catching
  - high numbers caught that seem incorrect and were not found in any other trap, such as 122 EGC in trap 1 and 12 and 13 in traps 2 and 3
  - look for species that need to be identified and had photos attached