

# Interagency Ecological Program: Electronic Field Data-Entry Device ("e-Device") Survey

**Survey Source:** The Data Users Working Group of the Interagency Ecological Program  
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**Survey Objective:** The goal of this survey is to provide information to the IEP Survey Staff regarding the use of electronic field data entry devices ("e-devices"), including both the hardware and software considerations.

**Survey Date Initiated:** June 15, 2022

**Survey Responses Requested By:** As Soon As Possible

**Survey Close Date:** Aug 1, 2022

**Three Groups are Targeted for this Survey:**

1. Experienced e-device users (internal IEP and external agencies);
2. IEP Survey Staff who are researching e-devices for field application;

## Contact Information

Thank you for providing complete contact information which will only be used to follow up on survey related questions for the goal of providing information to IEP Survey Staff regarding the use of field e-devices.

### 1. Contact name

### 2. Contact Agency/Affiliation

### 3. Contact Email (optional)

### 4. Contact Phone (optional)

## All Groups Start Here:

5. Please let us know your current e-device experience?

- ☐ I am currently using, and/or have previously used, an e-device in my field work.
- ☐ I currently do not use e-devices but I am interested in the potential use of an e-devices for an IEP survey application.
- ☐ I have determined that e-devices will NOT work for my application.

## Questions for Group 1

Group 1: Environmental survey/monitoring staff that currently use or have previously used E-devices.

6. What is the status of your e-device experience?

- ☐ I am currently using an e-device in my field work.
- ☐ I have previously used an e-device in my field work.
- ☐ Other

7. Please indicate your specific field applications (what type of data is collected)? If e-devices are used for more than one application type, please provide a numbered list.

8. What HARDWARE did you use/are you using? (If more than one, please provide a number list of all devices corresponding to the list of applications in question #6). Please specify brand and model name or number; e.g., "ipad xxx".

9. Are weather proof protective cases available for the e-device(s) you describe in question #7 ? (If more than one device is listed in #7, please provide a corresponding numbered with your responses to this question).

12. Would you be willing to demonstrate your e-device to our IEP Data Users Working Group?

- ☐ Yes
- ☐ No
- ☐ Maybe

10. What SOFTWARE did you use/are you using? (If more than one, please provide a number list corresponding to the list of applications in question #6). Please specify software brand and corresponding apps; e.g., "Survey 123 with Field Pro".

11. Please indicate the key reasons for your selection of e-device type (both Hardware and Software). (If more than one, please provide a number list of all devices corresponding to the list of applications in question #6).

## Questions for Group 2

This section is collecting information from IEP survey staff members who are researching field data entry devices for their specific application.

13. What is(are) the specific type(s) of field data that you hope to collect using a field e-device?

14. Which devices have you considered for the above application(s)?

15. What are the key challenges you anticipate when applying e-devices to the types of field data collections listed in question #5?

## Questions for Group 3:

This section is collecting information from IEP survey staff members who have determined that field data entry devices will not work for their application.

16. What is(are) the specific field data types that cannot be collected using a field e-device?

17. Please list the type(s) of devices have you considered for the above application(s) and the approximate year of this trial:

18. What are the key limitations that prevented the use of e-devices for the listed applications in question #5?

## Last Questions for ALL Groups: 1, 2 and 3

Identify e-device features of importance for field data collection

19. What HARDWARE features of the e-device are most important to you in the field?

- ☐ readable in variable environmental conditions
- ☐ durability of case
- ☐ water resistant case
- ☐ orientation of key board / key pressing action
- ☐ GPS capability
- ☐ local back-up drive
- ☐ off-line functioning
- ☐ digital fish length collection
- ☐ Other

20. What SOFTWARE features of the e-device are most important to you in the field?

- ☐ data reviewing options
- ☐ customizable entry formats
- ☐ photo upload options
- ☐ QA/QC range checking 'on-the-fly'
- ☐ Other

21. Are there any other features that are priority in the e-devices that you have used or that you hope to deploy?

22. Can you provide the name and contact information for a/any research or monitoring group(s) outside of IEP that might have valuable e-device experience and that might be willing to take this e-device survey?

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