Standardized Data Collection Template Demo

Mapping and Data Committee

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Purpose

- Provide a ready-to-use field data collection tool to organizations with ArcGIS Online.

- This tool matches the NAISMA standards and recommendations of iMapInvasives.

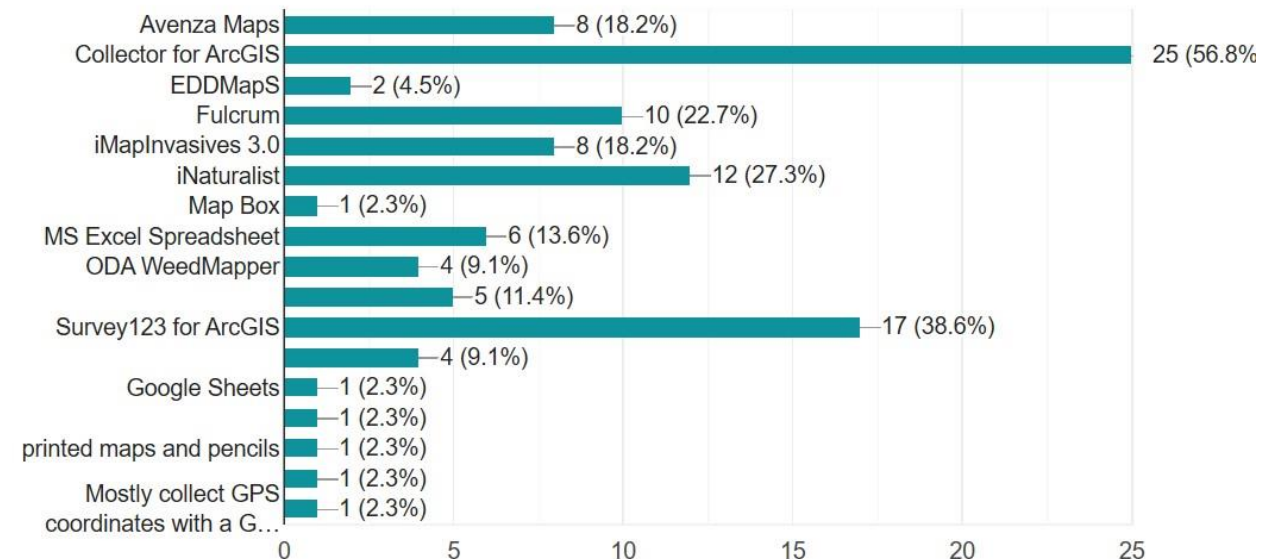# Positive outcomes of organizations using this template . . .

- Integration into collective data sets (iMapInvasives, EDDMaps, WeedMapper).

- Increases the collective utility of invasive plant data.
  - Datasets contribute to regional weed analysis including presence-only habitat suitability modeling and invasive plant prioritization modeling.

  - Collective datasets are fundamental to objective risk assessments and crafting an effective management strategy for a given weed

Why ESRI?

- A 2020 survey revealed the majority of CWMA members use ESRI software to collect data for invasive species.

- Future data collection tools will be created for non-ESRI users that match the 4 County CWMA Invasive Plant Data Standards.
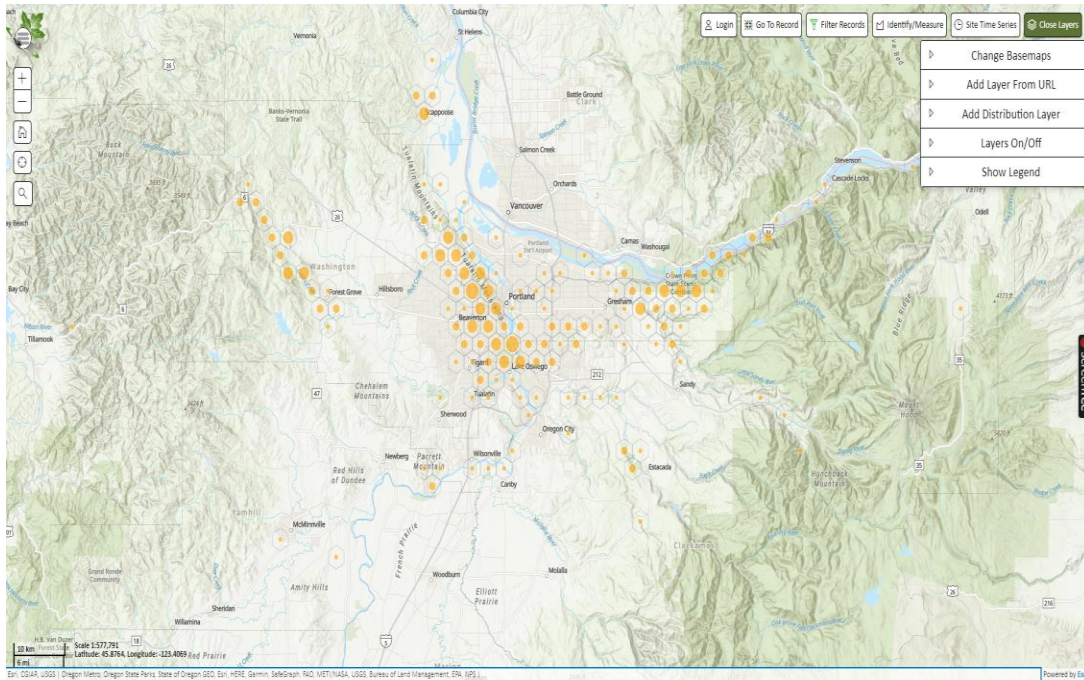
What data collection platform(s) do you use in the field for monitoring weed infestations and tracking treatment areas? (If "other," please describe)

44 responses

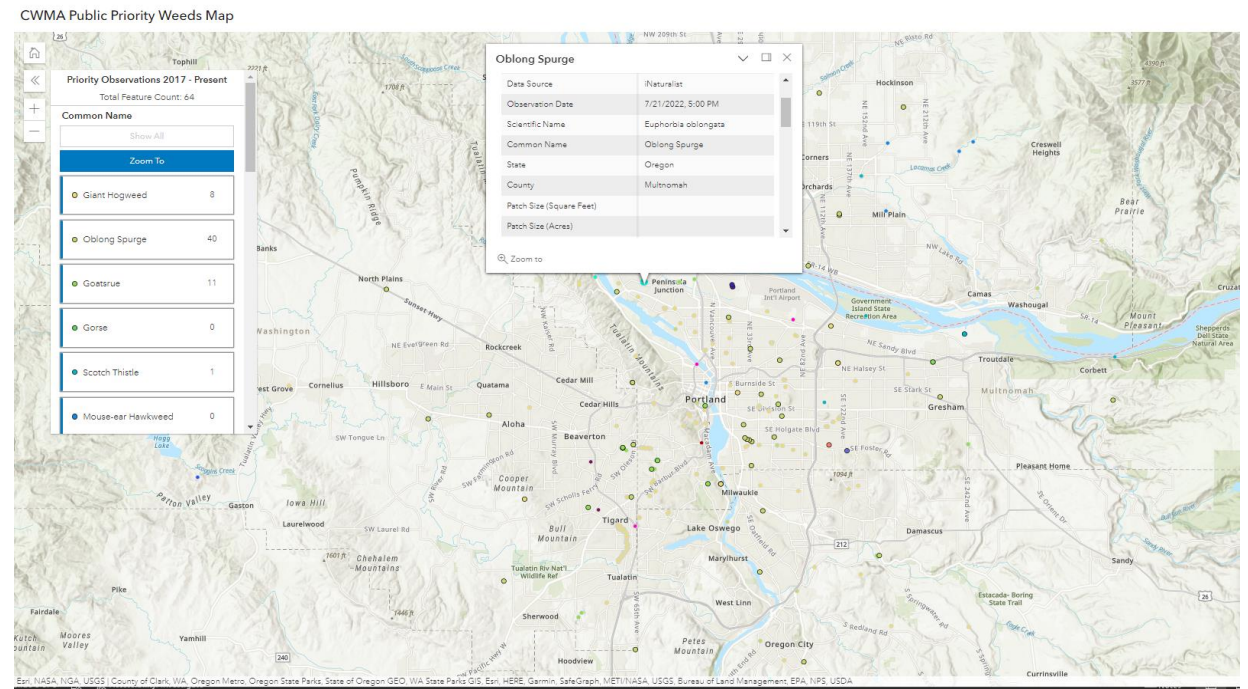| Platform	Responses
Avenza Maps	8 (18.2%)
Collector for ArcGIS	25 (56.8%)
EDDMapS	2 (4.5%)
Fulcrum	10 (22.7%)
iMapInvasives 3.0	8 (18.2%)
iNaturalist	12 (27.3%)
Map Box	1 (2.3%)
MS Excel Spreadsheet	6 (13.6%)
ODA WeedMapper	4 (9.1%)
	5 (11.4%)
Survey123 for ArcGIS	17 (38.6%)
	4 (9.1%)
Google Sheets	1 (2.3%)
	1 (2.3%)
printed maps and pencils	1 (2.3%)
	1 (2.3%)
Mostly collect GPS coordinates with a G...	1 (2.3%)
	1 (2.3%)

What can you expect to see?

- Integration of datasets using the standardized collection template will produce . . .
  - More complete information on status and size of infestations. Was it treated? When? Who treated it?

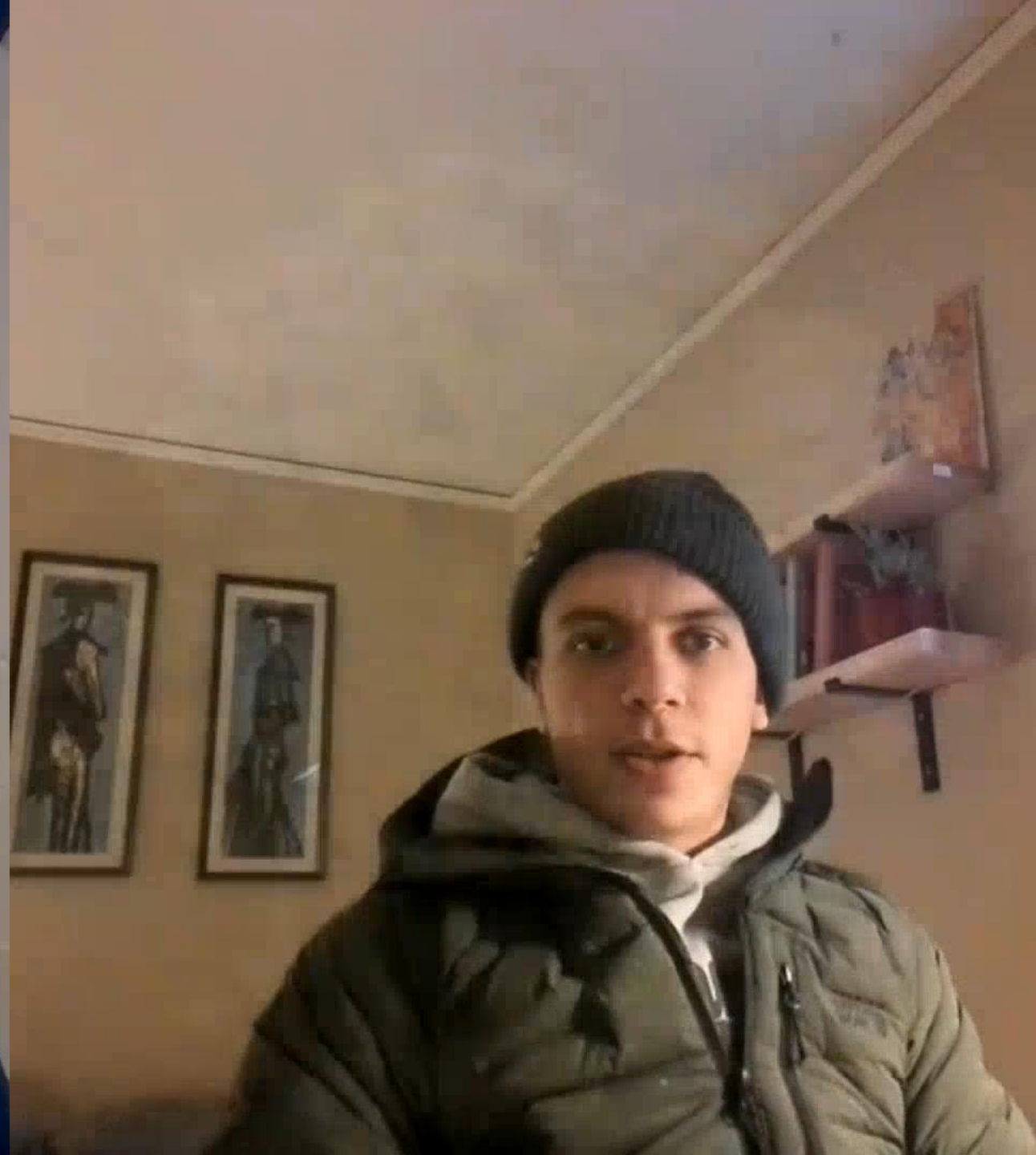 - Up-to-date distributions of species.

iMapInvasives Garlic Mustard Distribution Map

4 County CWMA Priority Species Distribution Map

Demonstration of Standardized Data Collection Template

- Showing how to acquire the template and FieldMaps form.

- Presenting variations of FieldMaps form in action.

- Audience interaction with an example map for data collection.

Next Steps & Questions

- Feed back on template and pre-built forms.

- Mapping & Data Committee can provide one on one support with acquiring and using this tool.

- Next committee meeting is on 2/8/2023.