iMapInvasives
Sharing information for strategic management

A **survey** is a planned search of an area to determine the presence or absence of specific invasive species.

Examples include simple surveys, systematic surveys (e.g. grid), linear surveys (e.g. along a road or trail), and host tree surveys (e.g. at ash trees to look for the emerald ash borer).

** **Aquatic Simple, Aquatic Systematic, Cerceris Wasp, Host Tree, Simple Terrestrial, and Systematic Terrestrial** are examples of available survey types.

Before conducting a survey:
> ➢ Print out a survey field form for your survey type from *i*MapInvasives (under the **Resources** tab)
> ➢ Print out a map or aerial photo of the survey site to mark your survey area
> ➢ Determine the targeted species

To record survey data in iMapInvasives:
1. For any positive sightings, first report an observation and record Obs ID# for each
   a. **Enter Data → Observation**
2. Go to **Enter Data → Survey**
   a. Survey Area (required) – Draw a polygon around area surveyed on the map
   b. Fill in basic and advanced data fields applicable to your survey project (hover over "?" of each field for more details). **Required fields are highlighted in pink**.
      i. Lead Contact (required) – if person is not listed, contact imapinvasives@paconserve.org
      ii. Survey Goal (required)
      iii. Survey Start & End Dates (required)
      iv. Targeted Species (required) – what species will be looked for during the survey
      v. Targeted Species Detected – select which of the targeted species were found (if none were found, select "None Detected").
      vi. Resulting Observation ID#s - If species were detected, you should have already created observation records for them and should list these Obs ID #s (separated by commas or semi-colons) in this field.
   c. Select Survey Type (required)
      i. Additional fields specific to that survey type will appear
      ii. Some survey types allow "Individual Records" to be recorded for multiple points (e.g. multiple host trees in a woodlot survey)
         1. Select "New Record" and fill in details for each record
         2. Select "Save Records" to save all individual records
   d. Advanced Survey Fields
      i. Six additional data categories are available for data input in the survey
   e. Select "Update Main Survey" to save the description of your survey.

To view and edit Survey data: **View Table → Surveys**
> ➢ Users can edit their own surveys and view the data of others

To view survey polygons on the map: Go to **View the Map**
   Under **Layers → Overlays → Invasive Species Details**, click box by Survey