



Innovation Corner: Pest and  
pollinator tracking website and app

# Concept

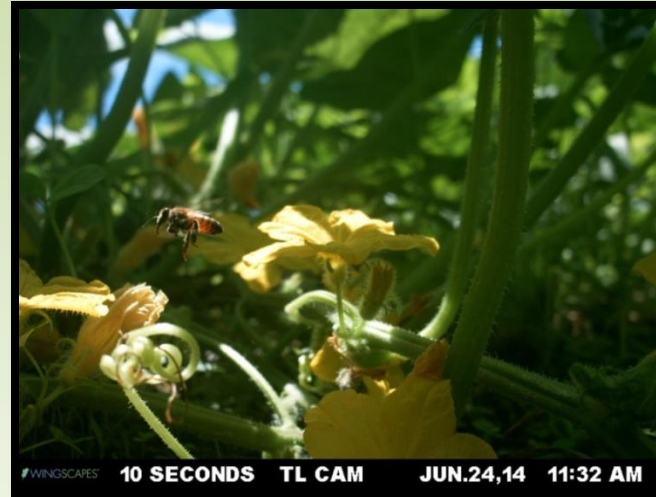
- To create a Caribbean website and accompanying app where users can
  - Add pictures, information, observations, species/common names of **pest and pollinating species** to a **Caribbean map**
  - Add to/improve on information added by others (eg. Correct species names, identify organisms, etc)
  - Download all data added by all users collectively
  - Obtain information on
    - pollinator food plants
    - Harmful pesticides
    - Best pollinator practices (various categories for different activities)
    - Habitat requirements for beneficial species
    - Natural pest control methods
    - ID corner (initially by experts, later hopefully by automated system)

# Objectives

- To gather data about pest and pollinator species, abundance, locations and movement over time and space = baseline for **biophysical accounts**
- To encourage citizen science (farmers, teachers and school children, nature enthusiasts, scientists, general public)
- To make data available to all (free to download and up to date) = the more people put into the app, the more they get out of it
- To raise awareness on pollinator issues and encourage a culture of conservation
- To provide an educational platform that can be used by schools, farmers, NGOs, etc

# Data gathered

- Location
- Time
- Date
- Species
- Image
- Other observations (eg. Weather, specific plants on which found, etc)
- Users can add as much or little data as possible or available, others can add at any point to existing data



# Additional actions

- Education initiatives
  - Training for use of app/website
  - Advertising campaign to encourage use
  - Involvement of scientists to assist in species identification, updating of information
  - Website/app maintenance/updates

