

Field Session One Tasks

Mission: To become familiar with basic GPS data collection procedures.

Please check off tasks following completion.

A. Preparation

Check battery power level.

If you are using a separate GPS device, check that it is paired with your data collector.

Within the CMT app, tap the GPS icon and then select "Turn GPS on".

Set up your data collector as follows.

Coordinate System

Coordinate System: LLA

Datum: WGS84(1150)/ITRF00

Unit: Feet or Meter, as appropriate

GPS (for iCMTGIS III

Enable External GPS: Not selected

and iCMTGIS PRO)

Datum: WGS84(1150)/ITRF00

Antenna Height: 4 ft

Navigation

Trail Length: 1

Navigation Zoom Mode: Auto Scroll

Navigation Beep: Selected

Featuring Beep: Selected

B. Fieldwork: Collect the following Features

1. Map a few Static Point Features

(You may vary the Session Time.)

Trees: Map the location of 4 or 5 trees.

Inventory the Species, Age and Height.

2. Map a Line Feature in Dynamic mode.

Side Walk - Map a stretch of a nearby sidewalk.

Inventory: Surface quality.

Nested Point - Record one tree as a nested point while mapping the sidewalk.

3. Map an Area Feature in Static mode.

Block - Map the corner points of your city block.

Record the corner designation (NE, SW, NW, SE).