Collecting data:

Use the cable with the power cut.

1. Open the serial monitor on Arduino.

2. Connect the server to the computer.

3. Download the data to the SD Card pressing “d”.

4. Remove SD Card from the server and connect the SD Card with the adapter to the computer.

5. Create a folder on the computer, copy and paste the data with the date. (DO NOT “CUT” DATA OR FILES unless you actually want a fresh excel doc with no previous data. We “copied” the data so each time we download the data we can easily see the previous measurements.)

**If there are problems check if the server and clients have power, and if the clocks are on time.**

Adjust the structure:

1. Adjust the angle of the smaller canopy arm.
2. Adjust the angle of the canopy sensor. (pointing correctly)
3. Rotate the biggest arm for the canopy sensor.
4. May need to readjust angle of canopy sensor.
5. Verify the snake(leaf) sensor. (pointing directly to the leaf)
6. Verify the soil sensor. (pointing correctly and nothing obstructing)