**Day 2: Field Data Collection**

2 – 5pm

*Begin in a lecture classroom; then outside; finish in computer lab*

*Materials*

Snacks (granola bars, etc.)

Nametags & markers

Laminated campus maps (one for each group; they should have locations marked from Day 1)

*\*see example file “Day 1\_UCSB campus map.pdf”*

Vis-à-vis markers to write on laminated campus maps

Paper examples of other campus scavenger hunts (e.g., <https://www.utexas.edu/sites/default/files/files/ScavengerHunt.pdf>)

1 copy each of

 Data sheet for questions

 *\*see example file “Day 2\_questions.pdf”*

Data sheet for GPS

 *\*see example file “Day 2\_gps.pdf”*

 Data sheet for photos

 *\*see example file “Day 2\_photos.pdf”*

Digital cameras + memory cards + cable to transfer photos to computer(1 camera for each participant/pair in the photo group; CHARGE BATTERIES!)

GPS receivers + computer cable (1 for each participant/pair in the GPS group; CHARGE BATTERIES & CLEAR WAYPOINTS/TRACKS FROM GPS)

Extra batteries for GPS & cameras

Clipboards (to make recording data easier)

Pens

Computers for transferring waypoints, photos, & typing trivia questions

Watch/phone for group leaders to tell time

First aid kit

*Schedule*

2:00 pm    Early arrivers’ activity

2:15 pm    Overview of the day

2:25 pm    Participant presentations about Day 1

2:45 pm    Instructions for the day: split up into Camera, Questions, and GPS teams

3:15 pm    Group photo & bathroom break

3:30 pm    Skills session: Spatial Data Collection

4:15 pm    Break

4:30 pm    Download & combine data (GPS, camera, type questions into Word doc.)

5:00 pm    Finish

*Outline*

1. Interest getter (1 hr.)
	1. Review from Day 1 (leader)
	2. Presentations about Day 1 (participants)
	3. Introduction to skills/overview of day: Spatial Data Collection
	4. Instructions for the day: Split up into Camera, GPS, Questions teams
		1. Camera team: give participants their cameras & explain operation; show them examples of scavenger hunt photos; talk about how many photos to take at each location, different angles, etc. Show them how to record data on Camera data sheet & give them clipboard & pen.
		2. GPS team: Give them clipboard, data sheet, pen & GPS receivers. Explain how to take a waypoint and record latitude & longitude. Go over locations to visit that were selected on Day 1 (bring laminated map where locations were marked).
		3. Questions team: Give them clipboard, data sheet & pen. Walk them through example trivia questions, discuss ideas of what types of questions they could ask.
	5. Bathroom break & group photo
2. Skills Session: Collecting Spatial Data (1 hr. 20 min.)
	1. Data Collection: travel to each location selected on Day 1 (see laminated map where locations were marked). At each location, participants will perform their jobs (take photos, GPS waypoint, or trivia question) and record data on their data sheets. Get as many locations as possible, at least 6.
3. Break (15 min.)
	1. Snacks, water
4. Download & combine data (30 min.)
	1. Camera team: collect all cameras & data sheet; download photos, have participants select their favorite photo from each location.
	2. GPS team: collect all GPS receivers and data sheet; download waypoints; demonstrate how to import waypoints into Google Earth and change symbolization.
	3. Questions team: have participants type questions in Word; collect data sheet.
5. Discussion (15 min.)
	1. Share with group how the day’s tasks went; challenges; etc.
	2. Select partners (groups of 2) for Day 3
6. Record keeping (5 min)