



GPS cameras and smartphones for geo-referenced field photos

Bridging the Gap
Connecting Citizen Science ↔ Earth Observation

www.eomf.ou.edu/photos



Smartphones with built-in GPS

Many smartphones have built-in GPS and camera for geo-referenced field photos. Please remember to turn-on the location service in your smartphone before you take pictures.

1. [Apple iPhone \(3G, 3GS, 4, 4S, 5, iPad\)](#)
2. [Android Phones \(Droid, HTC, etc\)](#)
3. [Nokia \(5800 navigation\),](#)
4. [Garminfone](#)



GPS Enabled Point and Shoot Cameras

1. Casio Exilim EX-H20G:

<http://www.dpreview.com/news/1009/10092016casioexh20g.asp>

2. Sony DSC-HX5V:

http://reviews.cnet.com/digital-cameras/sony-cyber-shot-dsc/4505-6501_7-33939643.html

3. Panasonic Lumix ZS7: <http://www.dpreview.com/reviews/Q210grouptravelzoom/page9.asp>

4. Samsung CL65:

<http://www.dpreview.com/news/0908/09081303samsungst1000.asp>

5. Nikon COOLPIX P6000:

<http://www.dpreview.com/news/0808/08080702nikonp6000.asp>

6. Canon PowerShot SX230HS

<http://www.dpreview.com/news/1102/11020714canonsx220sx230.asp>



Regular Camera and GPS data loggers

One can turn regular camera into GPS camera with GPS data logger or handheld GPS units.

1. [GPS Data loggers](#)
2. [Handheld GPS units](#)

