

KAP Flight over Pacifica State Beach, CA

by Michele Tobias (Grassroots Mapping)

Submitted at 2/20/2012 11:41:15 AM

Alex Mandel, Michele Tobias, and a couple of others photographed the foredunes at Pacifica State Beach in Pacifica, CA, using a kite aerial photography rig. The kite was a Skyhook 30 outfitted with an SLR camera. The wind was strong - about 25-30 miles an hour - which allowed

the kite to lift the heavier camera. The flight went well, but there were some minor concerns. The biggest concern was that this kite needs a more substantial tail than we had (a home-made drogue tail about 15 inches long) in higher winds to keep it from wagging back and forth, swinging the camera.

[read more](#)

PLOTS adoption of the CERN Open Hardware License

by warren (Grassroots Mapping)

Submitted at 3/9/2012 2:00:14 PM

Hello Public Labbers and Grassroots Mappers!

To date, the documentation and open science literature we've made as a community has been published under a Creative Commons ShareAlike license, allowing anyone to reuse,

remix, adapt, improve, and redistribute our works. Today, the PLOTS Web working group would like to propose that we as a community adopt a separate license for our hardware designs, and after much consultation, we'd like to adopt the [CERN Open Hardware License](#).

[read more](#)

Dual camera KAP rig

by cfastie (Grassroots Mapping)

Submitted at 2/22/2012 10:23:58 AM

Here is a prototype rig that performed well on its maiden flight.

The design might be appropriate for matched visible/IR cameras for vertical photography, like the Canon A495s from the Balloon Mapping Kickstarter project. For such a use, it would require the addition of an



using a knot to trigger cameras

by mathew (Grassroots Mapping)

Submitted at 1/29/2012 9:53:57 PM

This is for use with the [PET Bottle Rig](#)

Instead of using a balled up piece of tape, a pebble, or some other thing to

hold down my camera's shutter, I've gone to using a knot. This makes it easy to hold in place, and makes setting it easier. I prefer a [rubber band](#), but tape also holds it down. tape may be more useful for bulging, non rectangular cameras.

[read more](#)

GrassrootsMapping on Kickstarter: Get a balloon kit

by Jeffrey Warren (Grassroots Mapping)

Submitted at 1/9/2012 4:52:06 PM



sure how to add that function.

[read more](#)

intervalometer to trigger both cameras simultaneously. I am not yet

Lima, Peru: Kite Making/Balloon Mapping Workshop, U. of San Marcos

by anita (Grassroots Mapping)

Submitted at 2/2/2012 12:26:50 PM

We held a Balloon Mapping and Kite

Making Workshop on the Campus of San Marcos on Jan. 28, 2012 with a group of about 10 people from: Open Street Map Peru, Saberes Nomadas,



and San Marcos Univ. (physics,

geography, sociology, and geographic engineering depts.)

[read more](#)

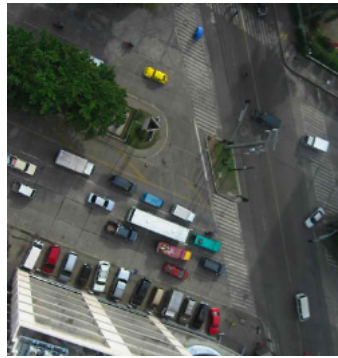


Aurora Tang's Balloon Closing Method

by mathew (Grassroots Mapping)

Submitted at 2/5/2012 8:13:04 PM

This is Aurora Tang's method of sealing up her balloons. I think its the best I've seen. It was developed during [a project to document Robert Smithson's Spiral Jetty with the Getty Institute](#). She has used it extensively for landscape photography. [read more](#)



Helium high: balloon mapping in the Philippines

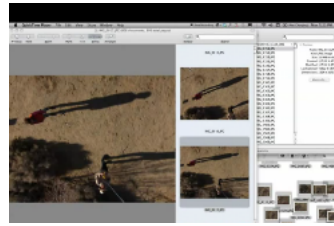
by maning (Grassroots Mapping)

Submitted at 1/25/2012 2:00:42 PM

This post has been syndicated from EPSG4253.wordpress.com

Today, we had a [balloon mapping](#) experiment. For a very brief airtime, we got some really impressive images.

[read more](#)



Efficient Image Sorting with Finder & Preview (Mac)

by mathew (Grassroots Mapping)

Submitted at 1/30/2012 7:52:49 PM

I've made an instructional video on efficient image sorting with Preview and Finder, for quickly winnowing down big groups of images to small sets, ready for MapKnitter:



Picavet PET rig

by mathew (Grassroots Mapping)

Submitted at 2/5/2012 8:58:19 PM

A [Picavet rig](#) is a very common type of KAP/BAP rig. I've added it to the juice bottle in a fairly simple way, using 1/2" key rings.

[read more](#)