

THE GRASSROOTS MAPPING FORUM

20 APRIL, 2012 | CREATED USING FIVEFILTERS.ORG

PLOTS adoption of the CERN Open Hardware License

Mar 9, 2012 03:00PM

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.

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Dual camera KAP rig

Feb 22, 2012 11:23AM

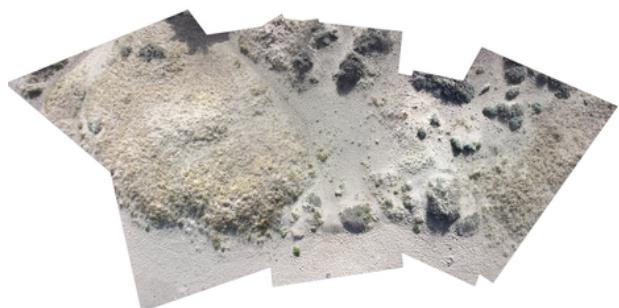


Here is a prototype rig that performed well on its maiden flight. The design might be appropriate for matched visible/IR cameras for vertical photography, like the Canon A495s from the Balloon Mapping Kickstarter project. For such a use, it would require the addition of an intervalometer to trigger both cameras simultaneously. I am not yet sure how to add that function.

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KAP Flight over Pacifica State Beach, CA

Feb 20, 2012 12:41PM



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.

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Picavet PET rig

Feb 5, 2012 09:58PM



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.



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Aurora Tang's Balloon Closing Method

Feb 5, 2012 09:13PM

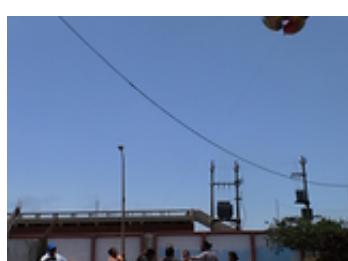
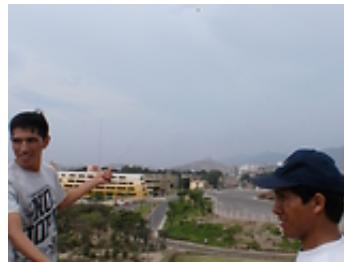


This is Aurora Tang's method of sealing up her balloons. I think its the best I've seen. It was developed during a project to document Robert Smithson's Spiral Jetty with the Getty Institute. She has used it extensively for landscape photography.

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

Feb 2, 2012 01:26PM





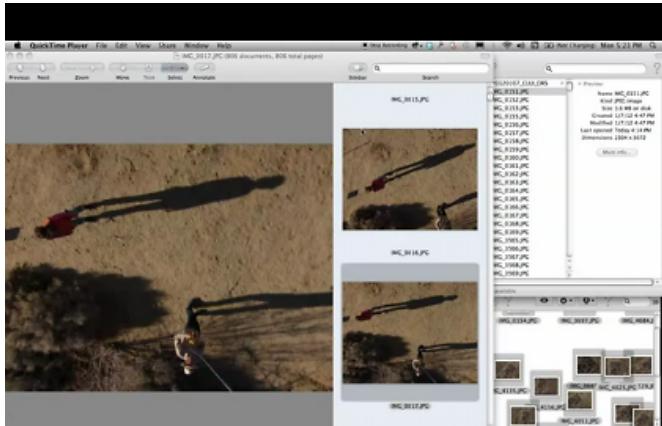
We held a Ballon Mapping and Kite Making Workshop on the Campus of San Marcos on Jan. 28, 2012 with a group of about 10 people from: Open Street Map Peru, Saberes Nomadas, and San Marcos Univ. (physics, geography, sociology, and geographic engineering depts.)



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Efficient Image Sorting with Finder & Preview (Mac)

Jan 30, 2012 08:52PM



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:

using a knot to trigger cameras

Jan 29, 2012 10:53PM



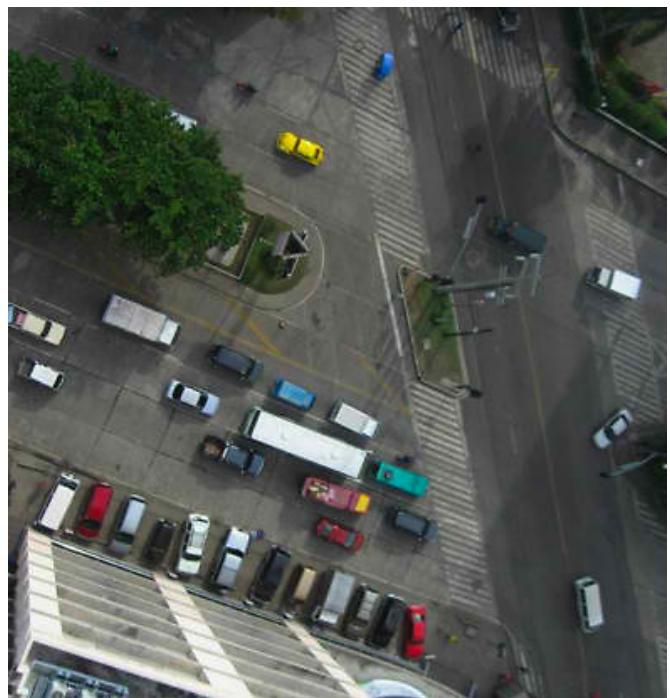
This is for use with the PET Bottle Rig

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](#)

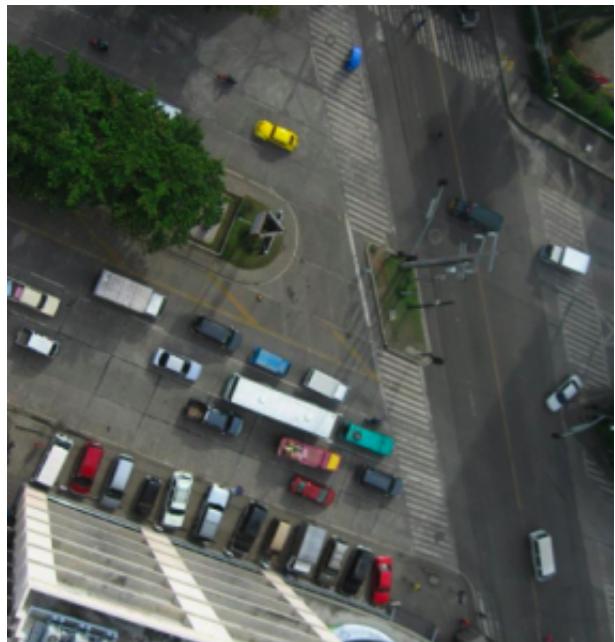
Helium high: balloon mapping in the Philippines

Jan 25, 2012 03:00PM



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.



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GrassrootsMapping on Kickstarter: Get a balloon kit

Jan 9, 2012 05:52PM
