Collecting New Smoke Images from the HPWren Archive

Go through the various fire sequences on the HPWREN archive and:

1. save off the early smoke images from the sequence,
2. figure out the best **square** “bounding box” coordinates for the image (such that the plume of smoke is well captured),
3. annotate the image by entering a row in your csv file with minx, minY, maxX, maxY and the file location/name.

Some examples:

Watch the ending of the mp4 at the top of this directory (all of the images for the sequence are below it) and choose the smoke images you will collect: <http://hpwren.ucsd.edu/HPWREN-FIgLib/HPWREN-FIgLib-Data/20160604_FIRE_rm-n-mobo-c/>

Watch the beginning of the mp4 at the top of this directory, and choose the smoke images you will collect: <http://hpwren.ucsd.edu/HPWREN-FIgLib/HPWREN-FIgLib-LongDurations/20200608-borderarea-om-s-mobo-c/>

Note: There are already a few csv files with annotations on this archive – collect those so that we will be able to feed them into Michael’s dataset augmentation program. And make sure you don’t duplicate effort by annotating images that they already annotated: <http://hpwren.ucsd.edu/HPWREN-FIgLib/Labels/HPWREN-BB/CSV/>

You may be able to find a tool to help with this task. I don’t know how easy it is to use this one, but there are probably others if you are interested in looking for one: <http://hpwren.ucsd.edu/HPWREN-FIgLib/Labels/HPWREN-BB/labelem.py>