

Subject: attribution stuff

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From: Kennedy, Robert

To: Johnson, Donald S

Thanks Don!!!

Here are my notes from Yang's discussion with me. It probably needs more interp, but it's a start.

Also, the report on the NMFS project is the generic description.

And then there is a brief description of the instructions for the interpreters.

REK

Instructions for setting up the imagery for the attribution interface and for timesync, as well as how to set up the database.

- there is a document to set this up.

- the attribution application has the ???

- plots are centroids of shapefiles.

 - the centroid location is stored in the attribution interface.

 - the attribution interface just tells GE to go to that location.

 - you've preloaded the kml file when the project is selected.

 - each project is set up by scene.

- generate disturbance map

- create shapefile -

 - manually in envi or arcgis.

 - oh, have a python script

 - arcgis processing script. won't work on the cluster.

- create kml -- in arc.

- arcgis -- get the centroid of each patch.

 - gets written out as a text file.

have to do this on PC side.

in my case, on the cluster, it will be easier to take the outputs of the disturbance products and intersect with the other spatial products using IDL.

- use the patch id image from the spatial filter to do this.

- then use that id in the shapefile, and carry through kml.

- that id also is the reference for the attribution interface database.

- right now, need to import that into an access database to create an image chip database.

 - could be replicated in IDL. assign a color table, write out a PNG.

 - during chip extraction step, it extracts the central pixel value for the trajectory.

 - this is a windows program that he wrote.

 - all this yang is working on for the timesync stuff.

mysql database
ID

table: imglist table -- all with scene
each plot belonging to the scene, knows which image exists.
file name has to follow plot_<ID>_year_date.png.

copy to web server
all the image chips.
1,1984,225,1|2|3|4|5|| for 25-pixel area, then band 2 for 25 pixels, etc.
load this into the database as a csv.

basically:
create image chips using consistent filenaming convention.
spectral values in format above.

ID attribute table --
ID
x,y position
load all these into the mysql. opensource free version.
generate the KML file
can be generated using python, yang doesn't have the script.
gdal can create a shapefile from bsq, don't need
or we could use the envi way --

default values for the dropdowns are not in the sql, but in the action script -- coding language for
flash.
so the field name are in the database, but the default values are not.

html
within html, it loads javascript -- just need to call google earth.

Robert E. Kennedy
Assistant Professor
Department of Earth and Environment
Boston University
675 Commonwealth Ave.
Boston, MA 02215