mapping w/ drones + open source in a humanitarian context

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calimapnerd 11:47 PM
uploaded this image: Slack for Android Upload

giblet 11:48 PM
jokes on them, ours is fixed wing
International Federation of Red Cross and Red Crescent Societies
Are HUMANITARIANS interested in drones?
Let’s MAP with drones!
Why drone IMAGERY?
Tindog Tabang Leyteño
Stand Up, Help Leyteños
take A LOT of pictures
OpenAerialMap
OpenStreetMap, yeah!
#3236 - Barangay Palanog 37A, Tacloban, Leyte - Missing Maps

**Description**

Changeset Comment

#hotosm-project-3236 #missingmaps #redcross

When saving your work, please leave the default comment but add what you actually mapped, for example "added buildings and a residential road".

**Imagery**

tms[22]:https://tiles.openaerialmap.org/594ab0651b11460011194a1/0/36a6eda3-3754-4f70-9006-230b8c024559/\{z\}/\{x\}/\{y\}.png

Please use the provided drone imagery.

**Buildings**

- Please accurately outline all the buildings you can find. The outline should be for the full size of the building even if it is partly covered by trees in the imagery.
- Most buildings are rectangular, after drawing the outline, use the 's' key in the iD web editor to "square" the corners.
- For circular buildings there is the 'c' key in the iD editor to create a circular structure.
- Many buildings are very close, but do not actually touch each other, try to map them close to each other without letting them connect or share nodes with each other, roads or residential area outlines. In the iD web editor, holding down the "alt" key will keep nodes of "snapping" to each other and accidentally connecting.
- In the iD web editor, the first time you map a building you will use the "Building Features" category and then at the top of the list select "Building" again, this is the most generic building tag we can use as we almost never can tell the more specific use of any building from imagery alone.

Start contributing
w/ satellite
w/ drone
maps, yeah!
maps, yeah!
Mapillary, yeah!
DIY drones?
flying can be hard
if only...
starting out
Flite Test Tiny Trainer
electronics, yeah!
automated flight, yeah!
trial + ERROR
what's next?
PROCESSING IN THE FIELD

Do NOT turn off!
GROUND CONTROL POINTS