

# ¿Cómo hacer accesibles los mapas históricos a la comunidad?

## Título

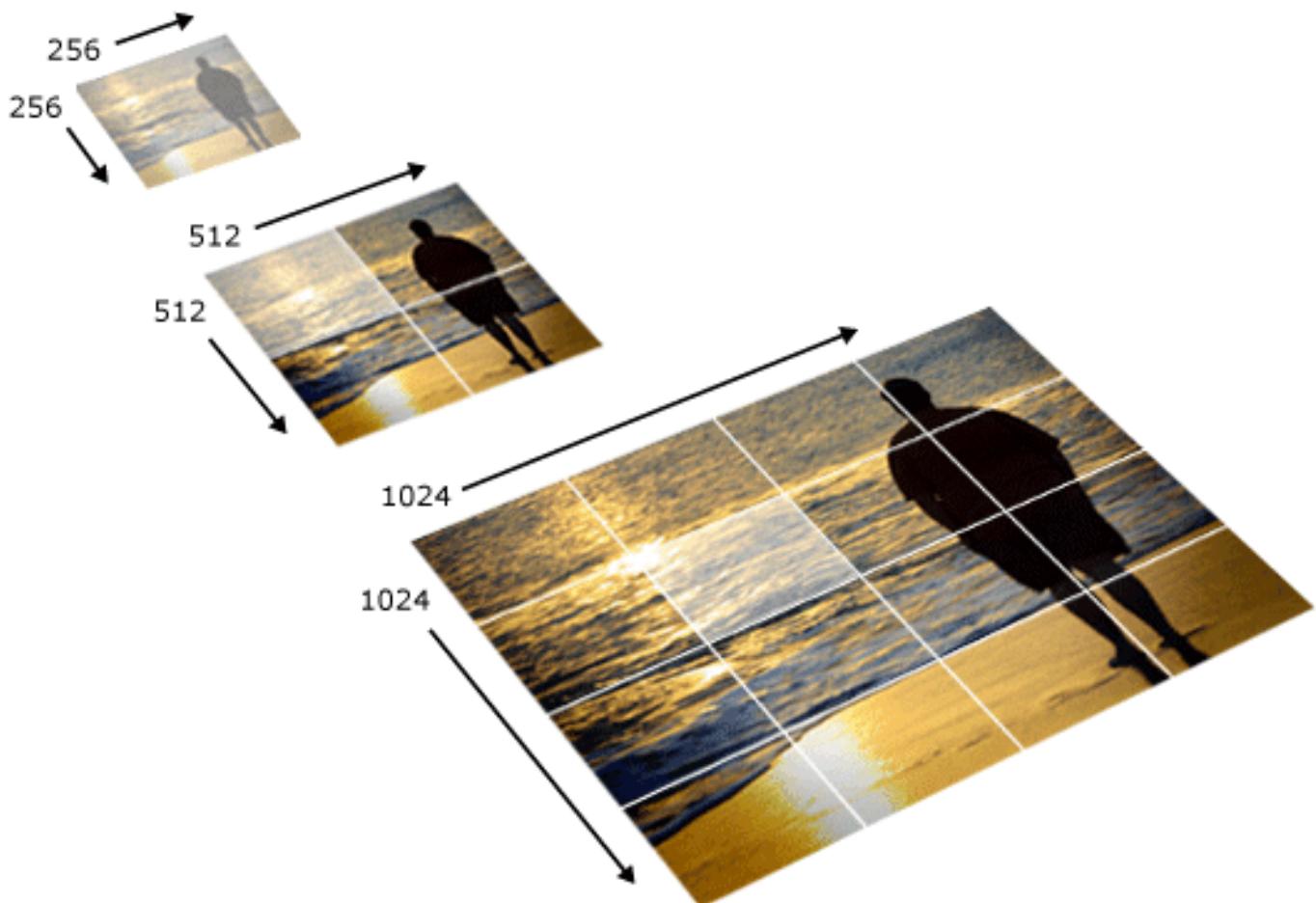
<http://piratepad.net/eafit2016>

### Como lo ha venido haciendo la biblioteca nacional

¿Y si no hemos podido rectificar aún, cómo compartir la imagen con otras personas?

1. Zoomify
2. Open Sea Dragon
1. Formato especial Tiles<sup>1)</sup>

You have to provide the url to the Zoomify image folder and the width and height dimensions of the original image. You can also specify a display tolerance for the initial zoom level. A value lower than 1.0 might center the image and cut off the edges.\The Zoomify tile format is similar to popular map tiling schemes, and I'm extending the Leaflet TileLayer class to show the image. The tiling follows a quadtree or pyramid pattern of increasing resolution, doubling the resolution for each zoom level. The tile size is 256 x 256 px and there are 256 tiles in each folder. The filename for each tile is z-x-y.jpg where z is the zoom level and x/y is the grid position starting from the top left corner.



## Mapwarper

### 1. pestaña de export

1. Geotiff
2. PNG
3. KML
4. WMS
5. Tiles

## Título

### Procedimiento:

- Toma el enlace Tiles de mapwarper

The screenshot shows the Map Warper interface. At the top, there's a navigation bar with links like Home, Browse All Maps, Upload Map, Browse All Layers, Add Layer, About, and Help. A user account section with 'SIGN IN' and 'CREATE ACCOUNT' buttons is also present. Below the navigation, a map preview is shown with a green overlay indicating it was uploaded by 'fmapoteca'. The map title is 'fmapoteca\_779\_eafit\_2'. Below the map, there are several download options: GeoTiff, PNG, KML, WMS, and Tiles. The 'Tiles (Google/OSM scheme)' link is highlighted with a red box. At the bottom of the page, there's a footer with links to HOME, ADD MAP, ABOUT, HELP, and SUPPORTED BY NEW YORK PUBLIC LIBRARY AND TOPOMANCY LLC.

- Lo carga en geojson.io

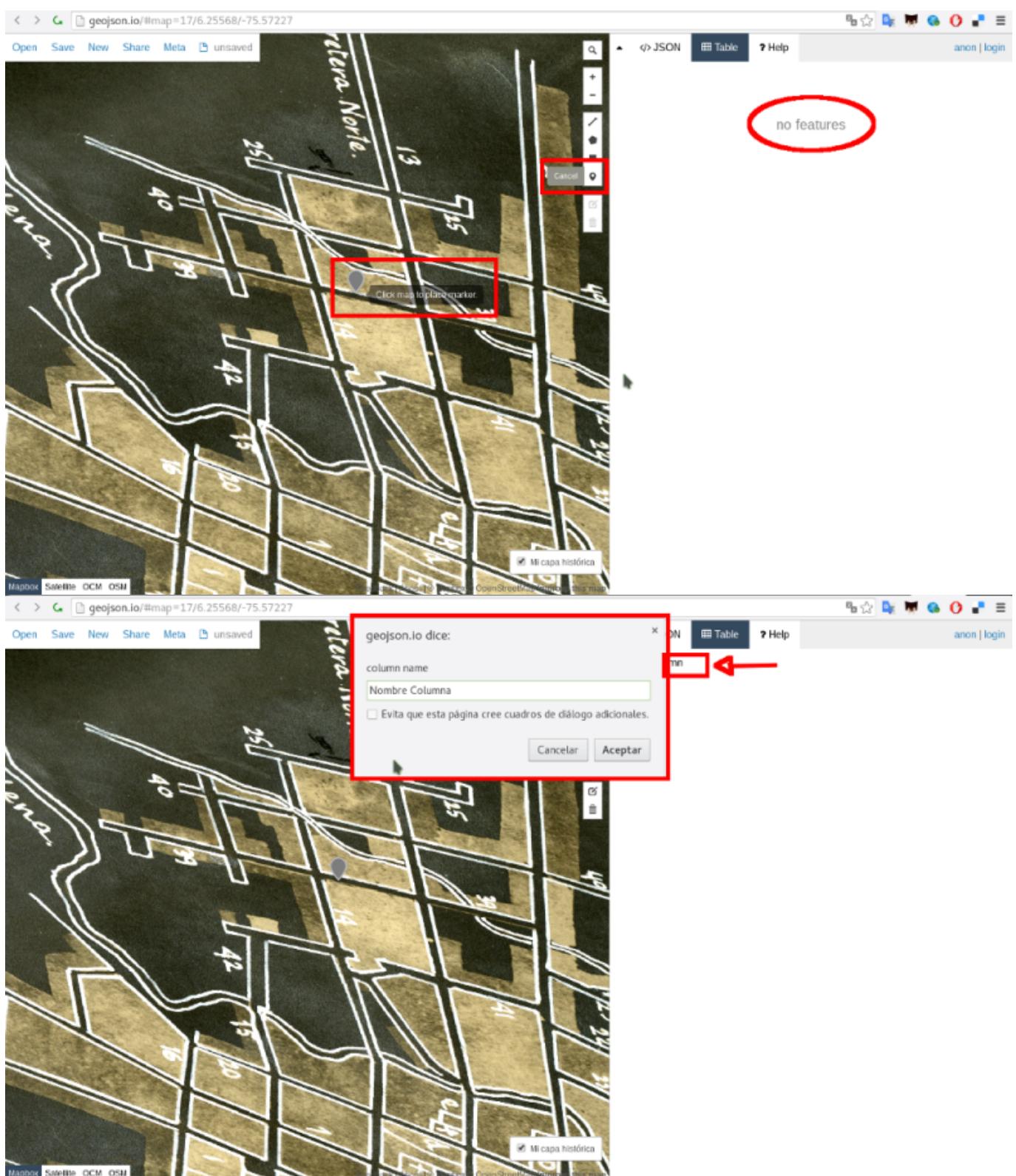
The image contains two screenshots of the geojson.io website demonstrating how to add historical map layers.

**Screenshot 1 (Top):** A world map interface. A context menu is open over the map, with the "Add map layer" option highlighted by a red box. A modal dialog box titled "geojson.io dice:" is displayed, containing a "Layer URL" input field with the value "http://mapwarper.net/maps/tile/12618/{z}/{x}/{y}.png". A checkbox below the input field is unchecked. At the bottom right of the modal is a red-bordered "Aceptar" (Accept) button. The top navigation bar shows "Meta" and "unsaved".

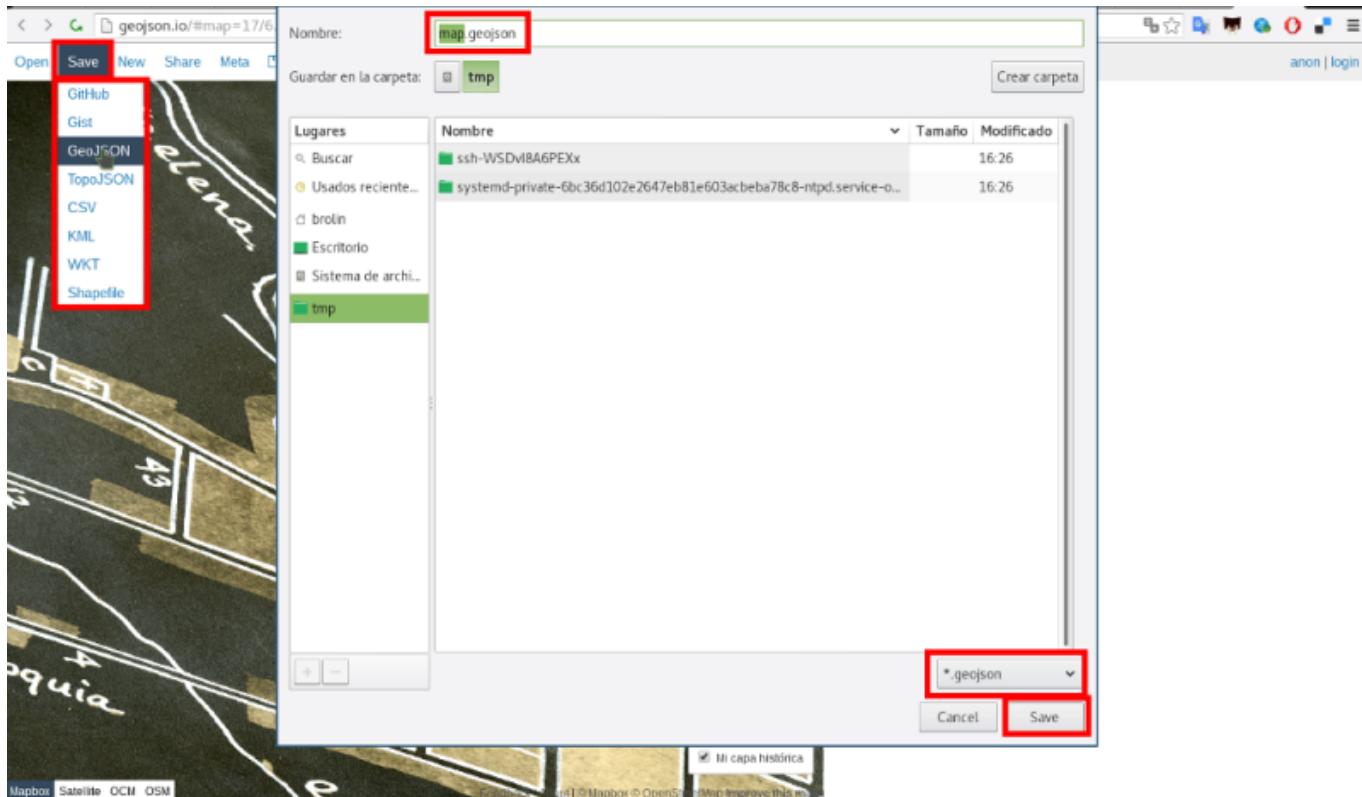
**Screenshot 2 (Bottom):** A detailed map of a city area, likely Bogotá, Colombia, showing modern street grids and names. A historical map of the same area is overlaid and circled with a large red oval. A legend box at the bottom right of the historical map has a checked checkbox labeled "Mi capa histórica". The top navigation bar shows "Open", "Save", "New", "Share", "Meta", and "unsaved".

- Se marcan varios puntos en geojson.io

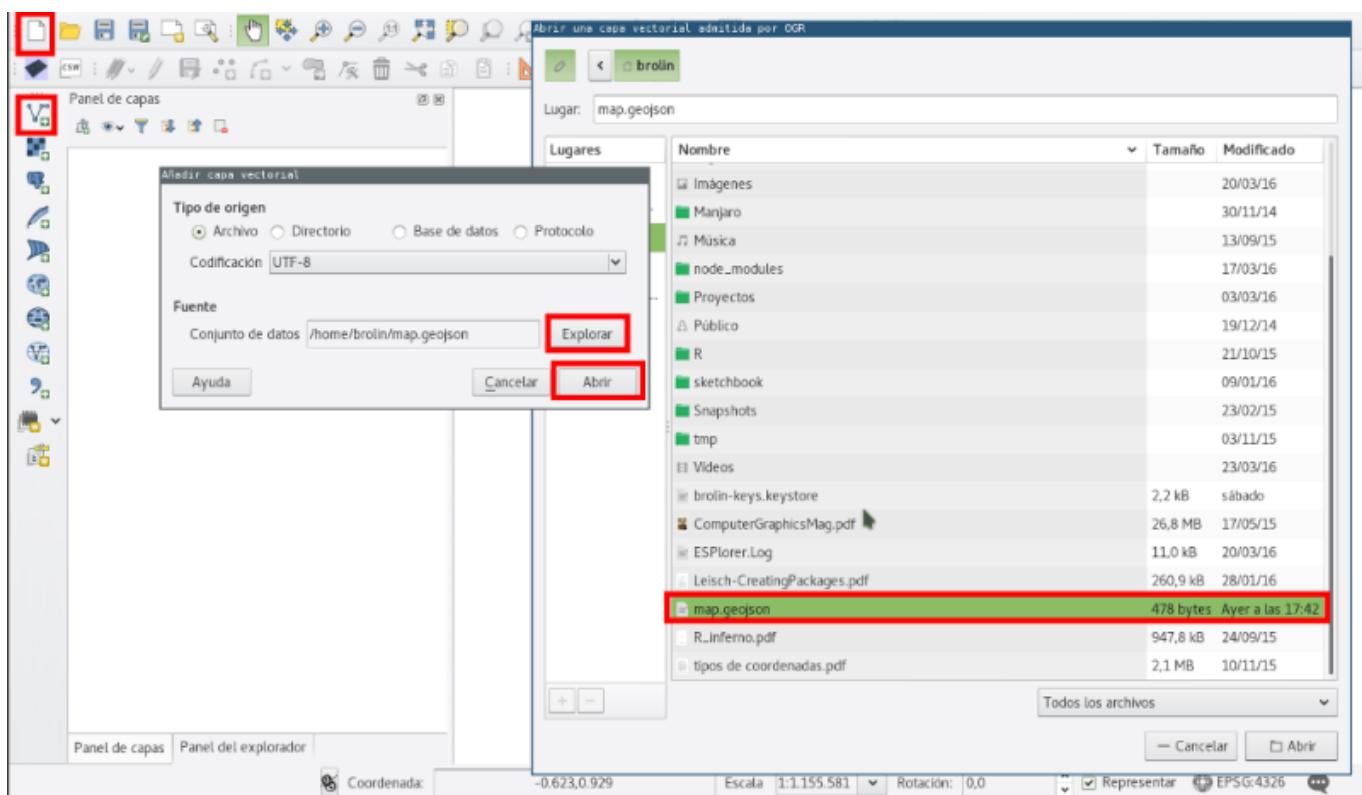
Last update: 2016/04/04 personas:brolin:capacitacion\_sig:eafit\_2016 https://wiki.unloquer.org/personas/brolin/capacitacion\_sig/eafit\_2016?rev=1459371322 04:01



- Se descarga la información de geojson.io

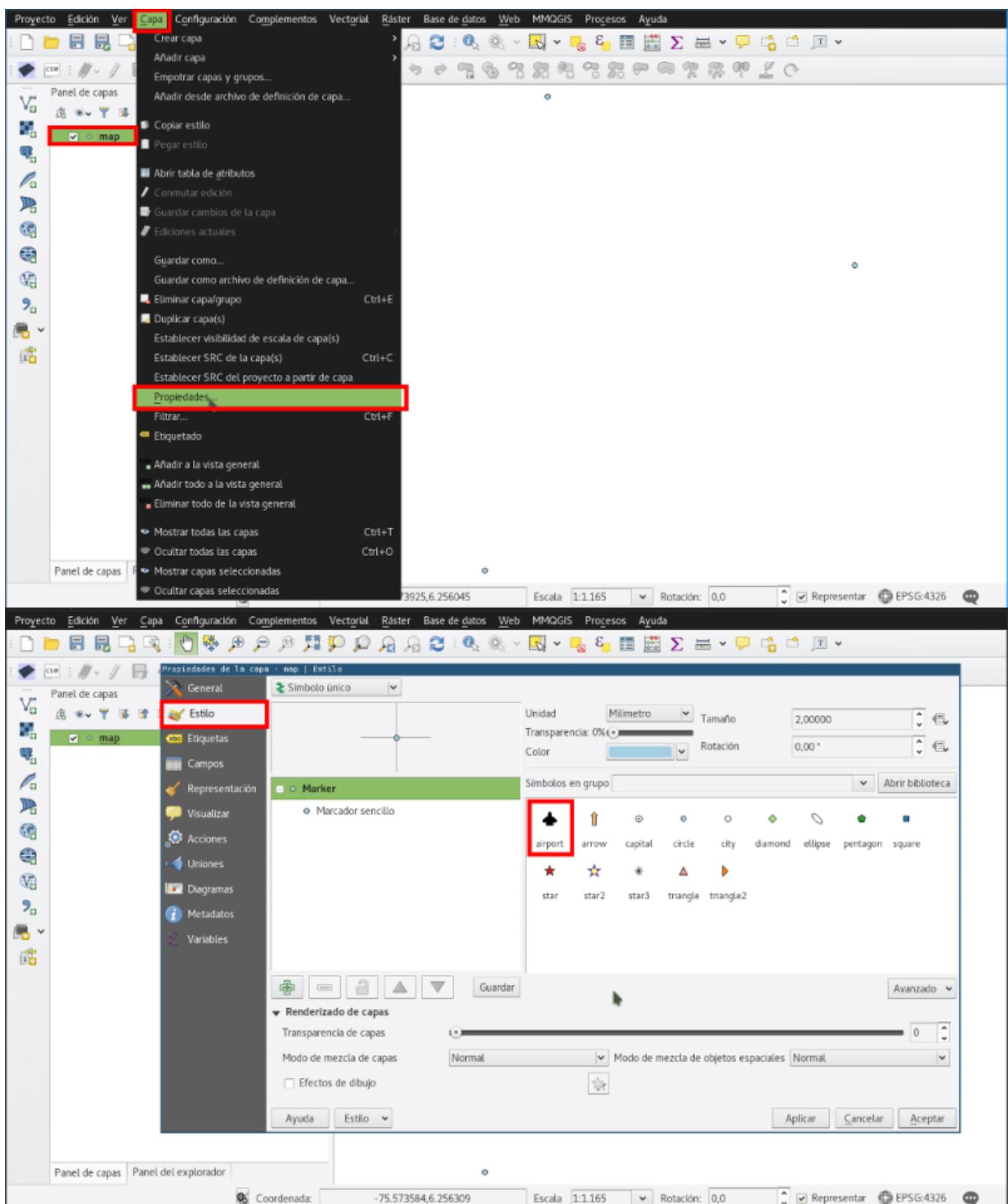


- Se abre qgis y se carga en qgis los datos bajados de geojson.io

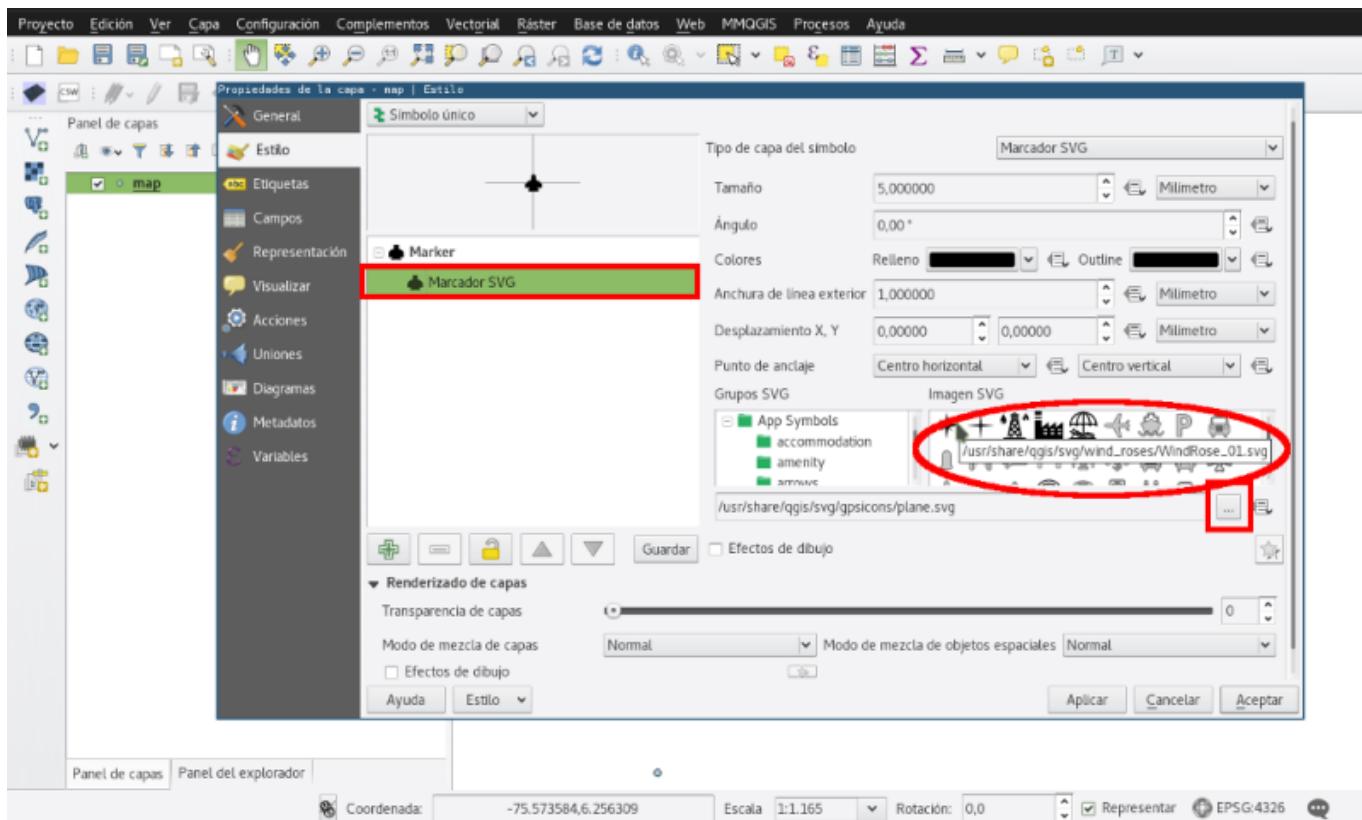


- Se ajustan las propiedades, como los íconos para cada imagen

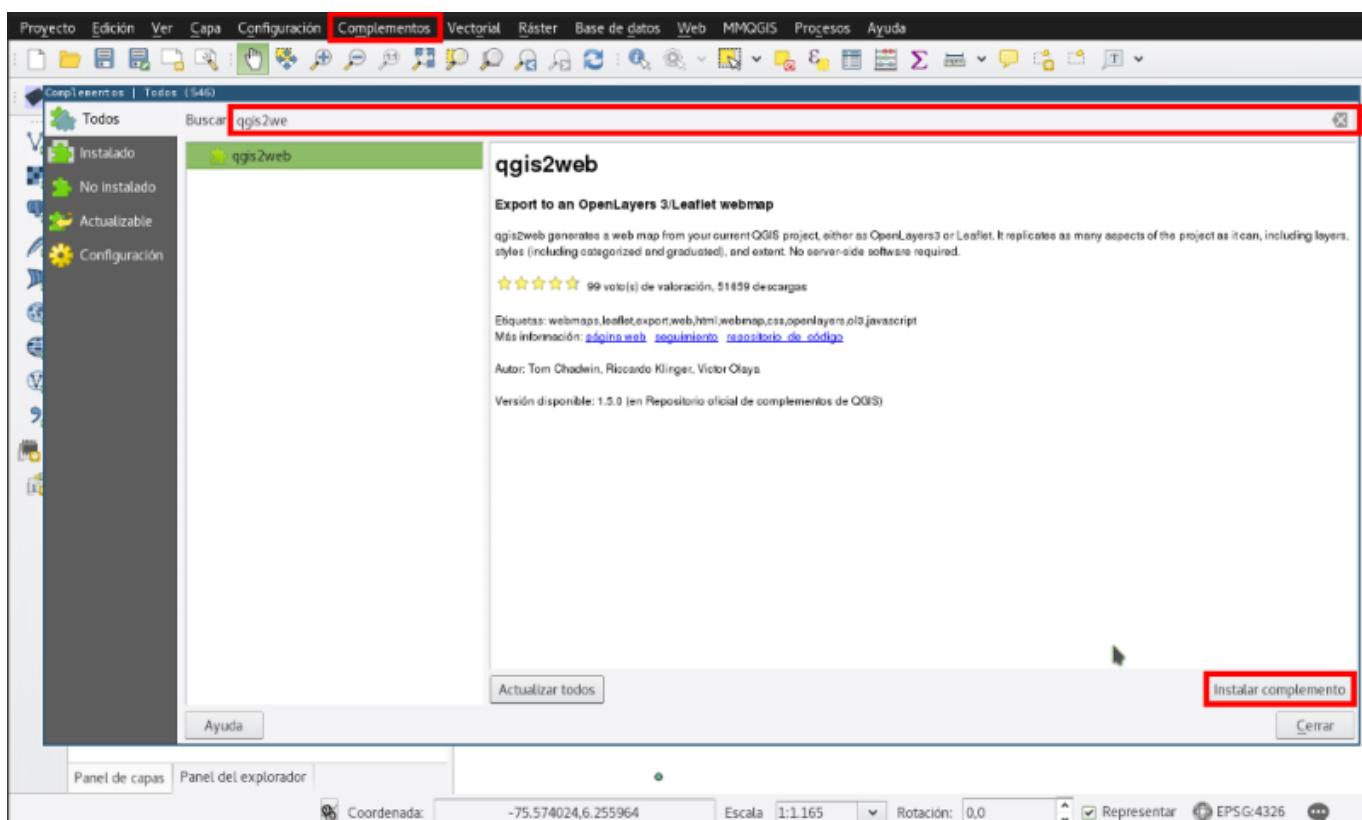
Last update: 2016/04/04 personas:brolin:capacitacion\_sig:eaft\_2016 https://wiki.unloquer.org/personas/brolin/capacitacion\_sig/eaft\_2016?rev=1459371322 04:01

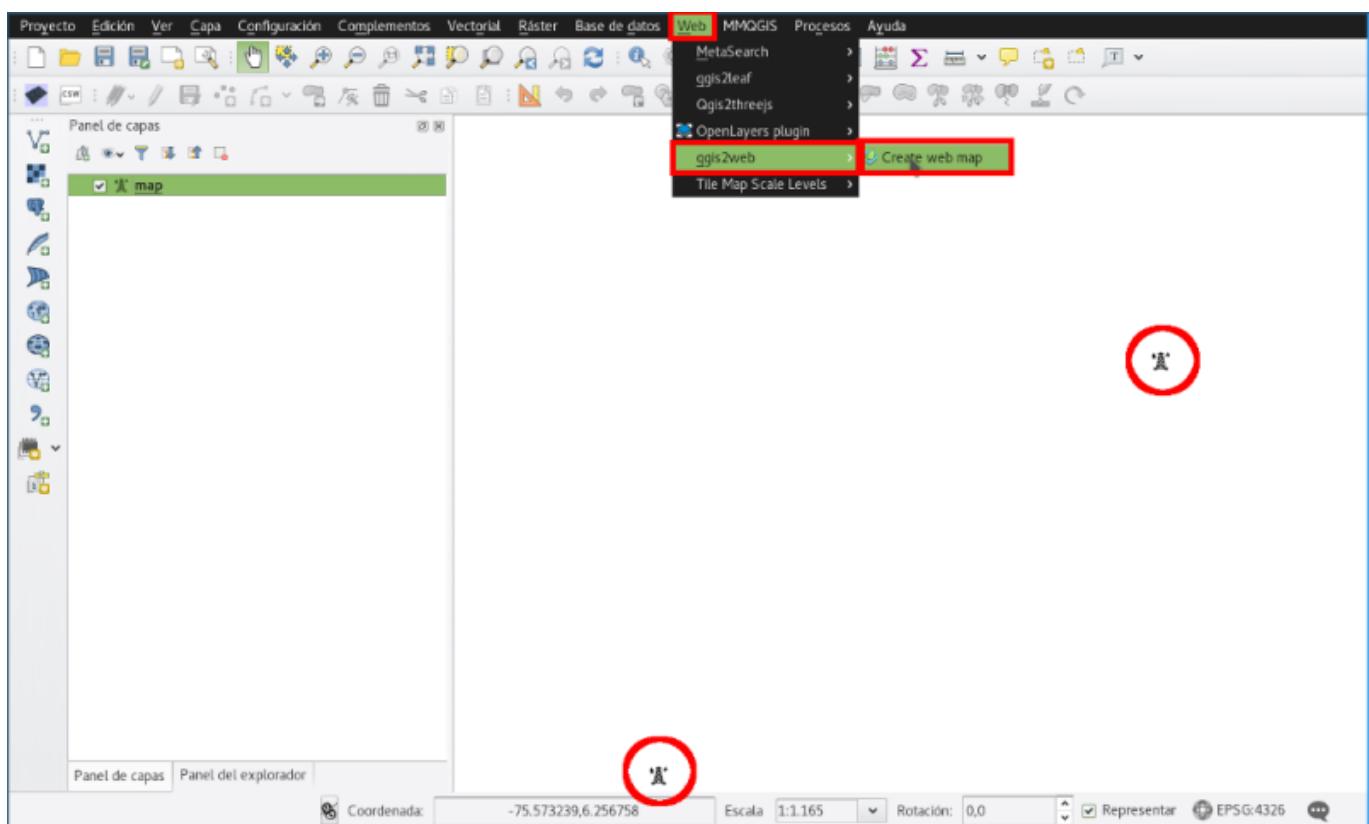


- ¿Cómo cargar íconos?

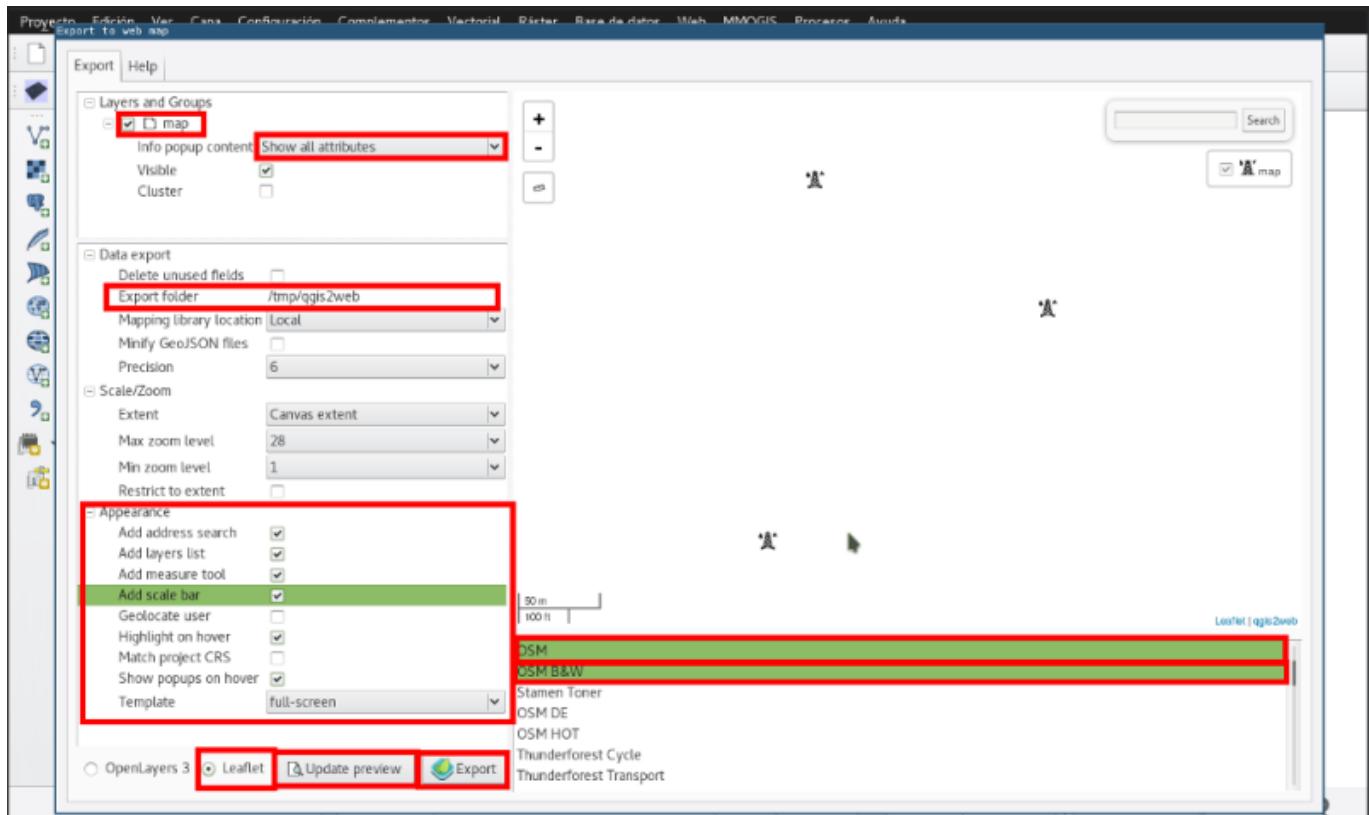


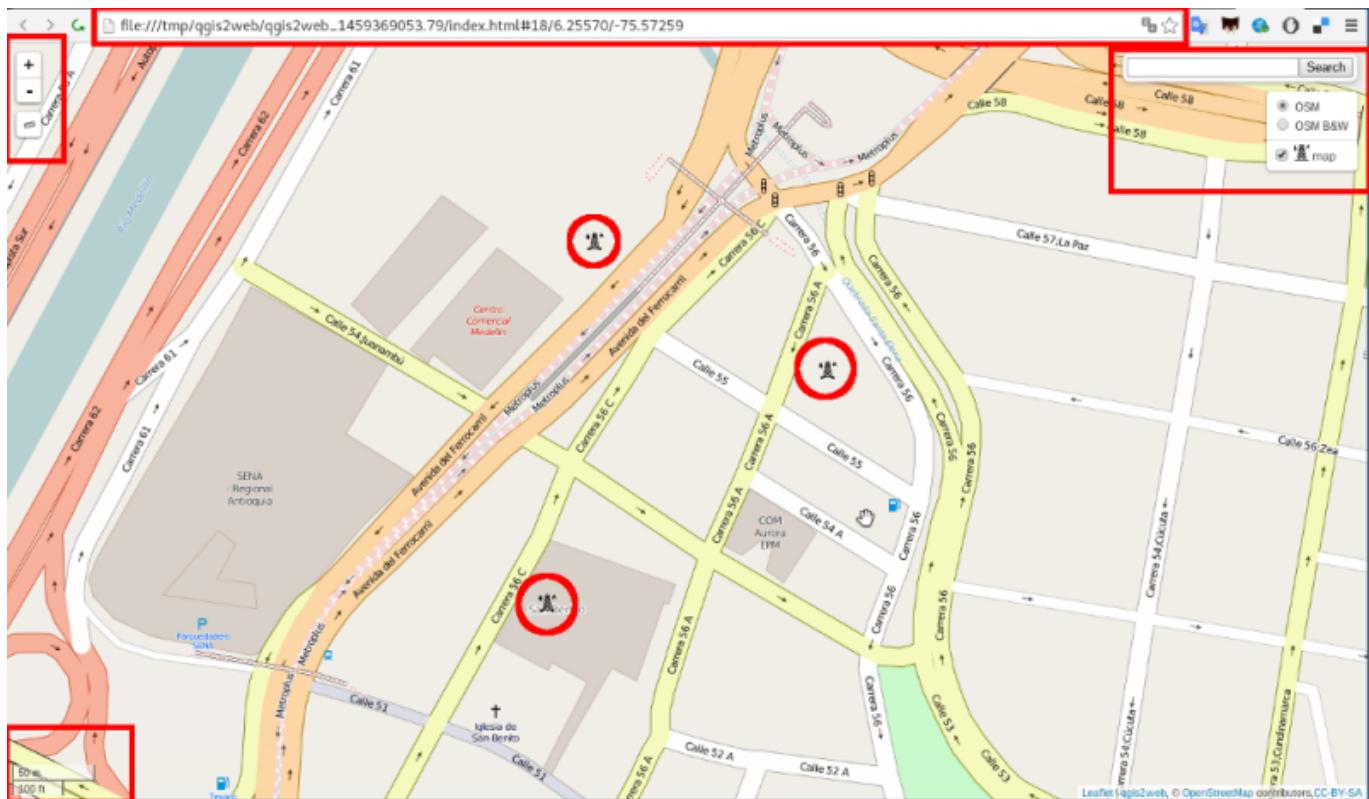
- Se instala en qgis el complemento qgis2web





- Se exporta un .html con qgis2web usando dos mapas base





- Usar un editor de html, si es posible instalar atom.io

- Se reemplaza en el código .html uno de los mapas base con la dirección de tiles de mapwarper

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The screenshot shows two code snippets in a code editor, each with a red box highlighting specific lines of code.

**Top Snippet:**

```
var hash = new L.Hash(map);
map.attributionControl.addAttribution('<a href="https://github.com/tomchadwin/qgis2web" target="_blank">qgis2web</a>');
var feature_group = new L.featureGroup();
var bounds_group = new L.featureGroup();
var raster_group = new L.LayerGroup();
var basemap0 = L.tileLayer('http://(s).tile.openstreetmap.org/{z}/{x}/{y}.png', {
    attribution: '&copy; <a href="http://openstreetmap.org">OpenStreetMap</a> contributors,<a href="http://creativecommons.org/licenses/by-sa/2.0/">CC-BY-SA</a>',
    maxZoom: 28
});
basemap0.addTo(map);

var basemap1 = L.tileLayer('http://mapwarper.net/maps/tile/12613/{z}/{x}/{y}.png', {
    attribution: '&copy; <a href="http://mapwarper.net/maps/12613">Mapwarper</a>',
    maxZoom: 28
});
basemap1.addTo(map);

var layerOrder = new Array();
function stackLayers() {
    for (index = 0; index < layerOrder.length; index++) {
        map.removeLayer(layerOrder[index]);
        map.addLayer(layerOrder[index]);
    }
}
function restackLayers() {
    for (index = 0; index < layerOrder.length; index++) {
        layerOrder[index].bringToFront();
    }
}
layerControl = L.control.layers({}, {}, {collapsed: false});
function pop_map0(feature, layer) {
    layer.on({
        mouseout: function(e) {
            layer.setStyle(doStylemap0(feature));
        }
    });
}
```

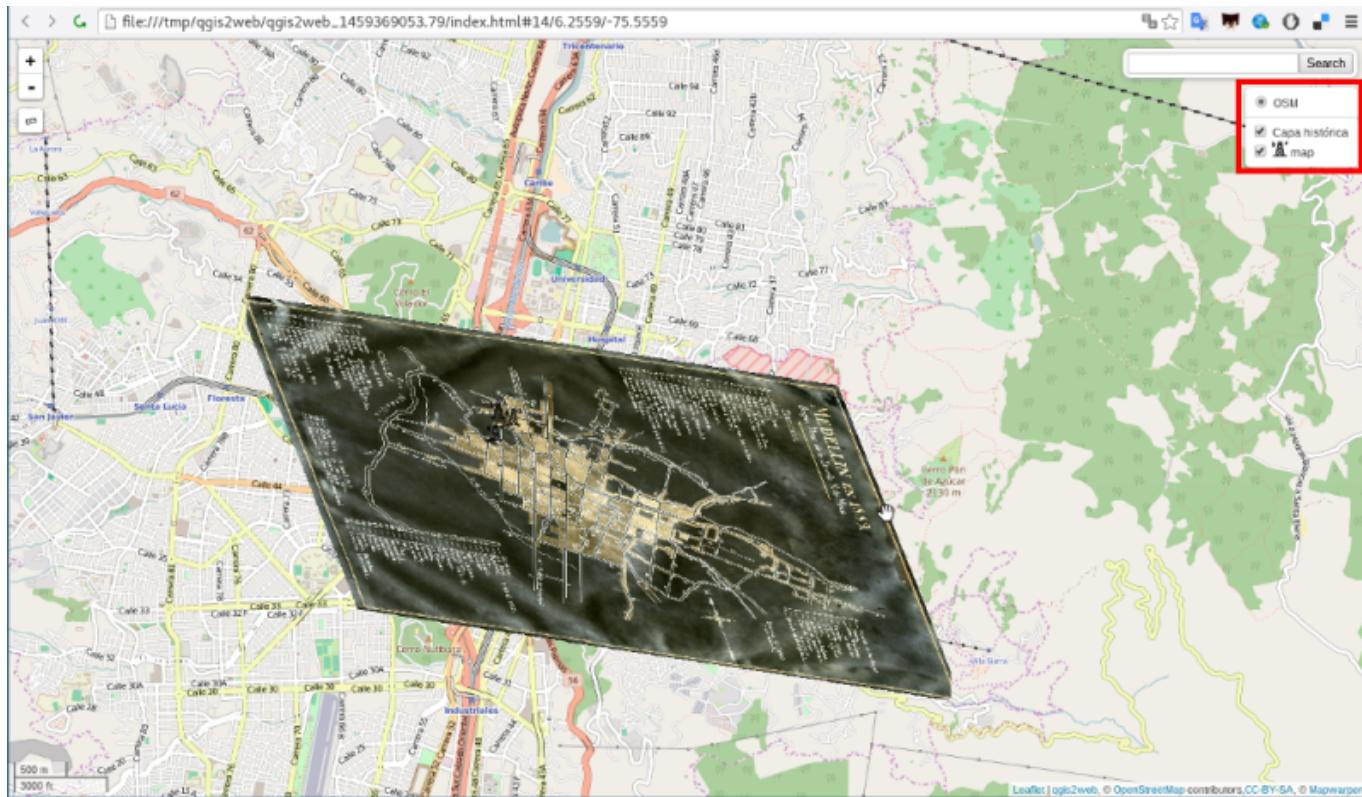
**Bottom Snippet:**

```
iconSize: [19.0, 19.0], // size of the icon
});

function doStylemap0() {
    return (
        icon: svgmap0
    )
}
function doPointToLayermap0(feature, latlng) {
    return L.marker(latlng, doStylemap0())
}
var json_map0JSON = new L.geoJson(json_map0, {
    onEachFeature: pop_map0,
    pointToLayer: doPointToLayermap0
});
layerOrder[layerOrder.length] = json_map0JSON;

bounds_group.addLayer(json_map0JSON);
feature_group.addLayer(json_map0JSON);
raster_group.addTo(map);
feature_group.addTo(map);
var osmGeocoder = new L.Control.OSMGeocoder({
    collapsed: false,
    position: 'topright',
    text: 'Search',
});
osmGeocoder.addTo(map);
var baseMaps = L.Control.baseMaps;
L.control.layers(baseMaps, {' map': json_map0JSON, 'Capa histórica': basemap0}, {collapsed: false}).addTo(map);
control.layers({options: {collapsed: false, maxZoom: 10, minZoom: 0, overlays: [map0, osmGeocoder], title: 'Mapa Histórico'}});
stackLayers();
map.on('overlayadd', restackLayers);
</script>
</body>
```

- Así se debería ver el sitio web final



1)

<http://blog.thematicmapping.org/2013/06/showing-zoomify-images-with-leaflet.html>

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<https://wiki.unloquer.org/> -



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