



# Introduction to Leaflet



# Leaflet ?

 JavaScript Library for webmapping

 Tiny, fast, desktop & mobile

 Easy to learn

 Good documentation

 Many plugins

[leafletjs.com](https://leafletjs.com)

# Quick intro to web pages

**HTML**



Structure

**JS**



Behavioral

**CSS**

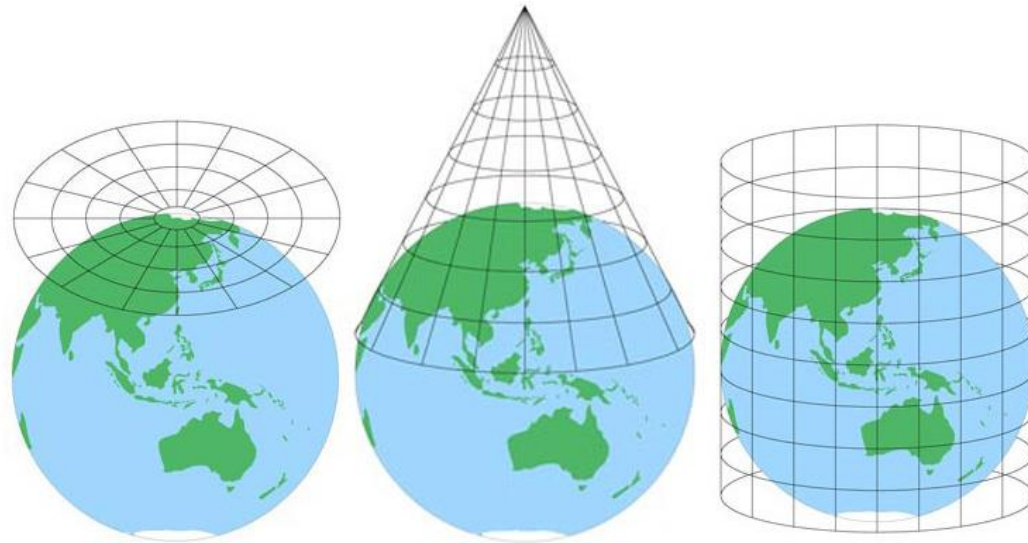


Style

[Demo](#)

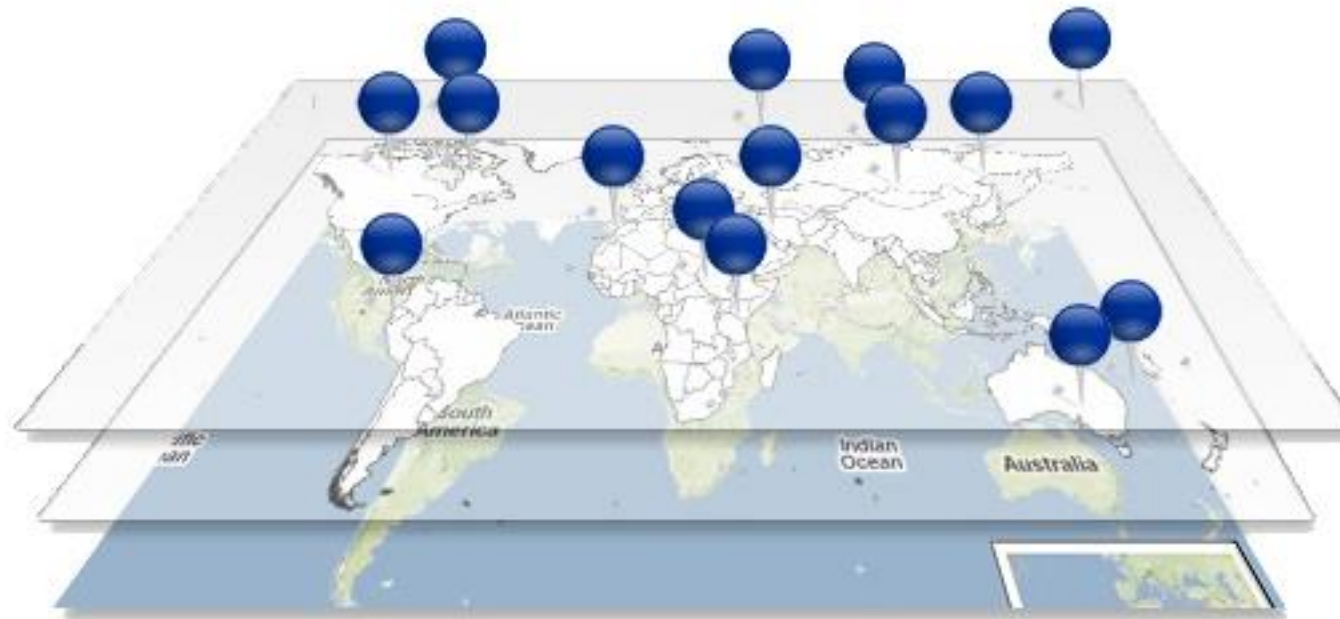
# Basic webmapping concepts

## Projections

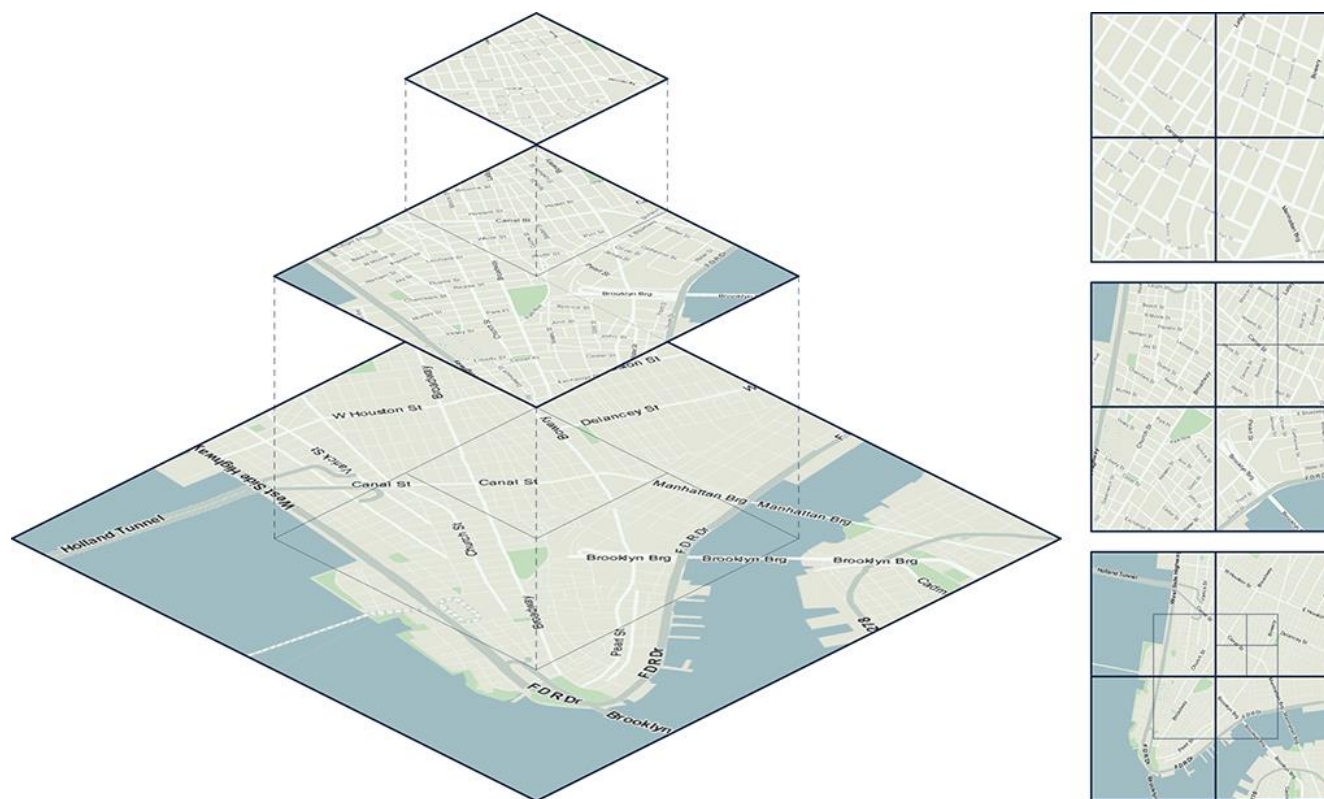


Is that making a big difference?

## Layers



## Tiles





## Formats

Raster: MBTiles / WMS / WMTS / GeoTIFF

Vector: Vector Tiles/ GeoJSON / TopoJSON

## Projections

EPSG: What is that ?

Leaflet - EPSG:3857 / EPSG:4326



# What do i need ?

Text editor

# Let's make our first map

<https://github.com/CartONG/geong-2018-leaflet-workshop>



Exercice n°1



# First map : the baselayer



Exercice n°2



# Adding a marker



Exercice n°3



# Making a pop-up



# Using the layer control



Exercice n°5



# Using a GeoJSON

## Using a plugin

<https://leafletjs.com/plugins.html#printexport>