



Mapping 101



By Dustin Turpin



What Will We Do Today?

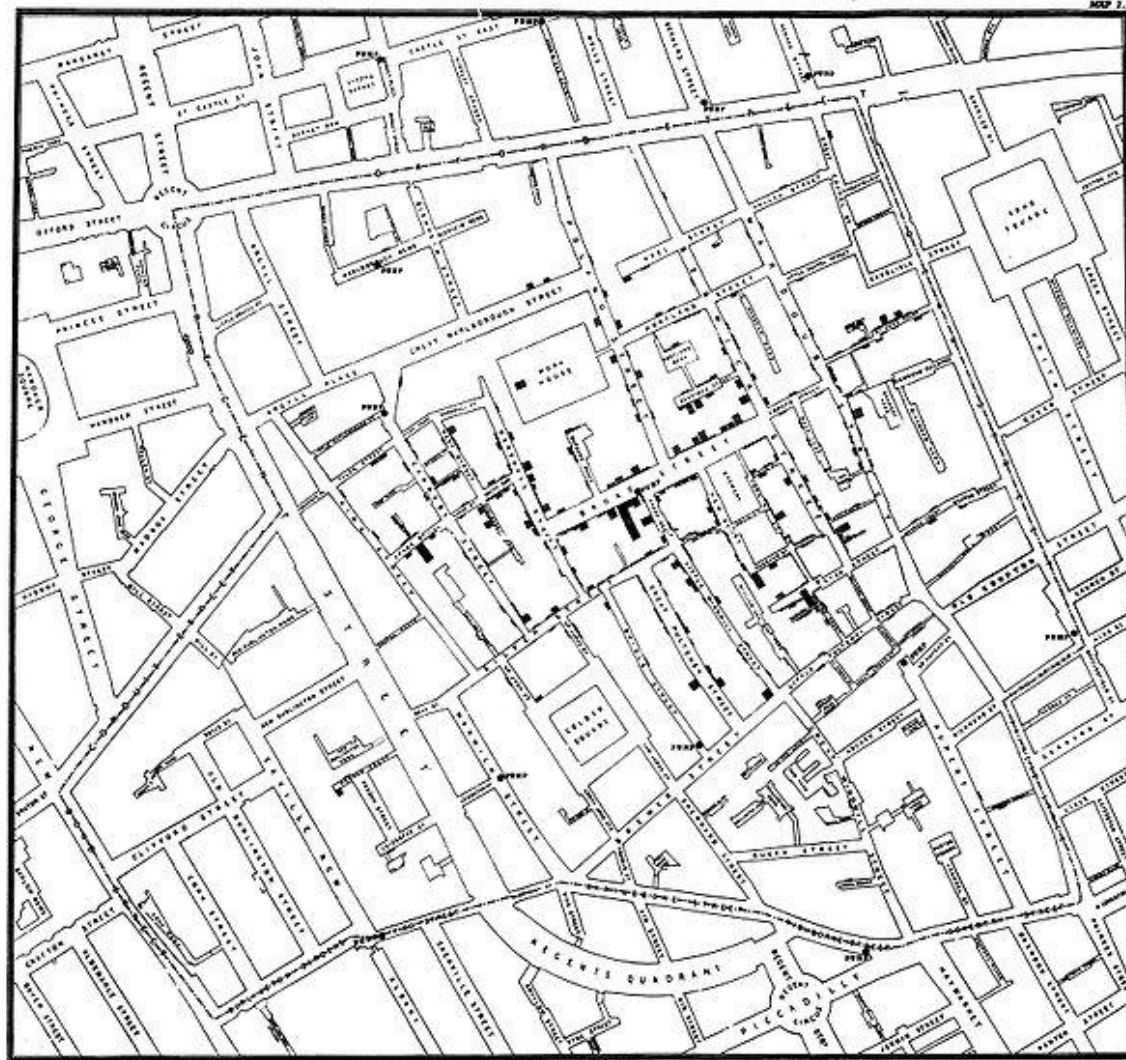
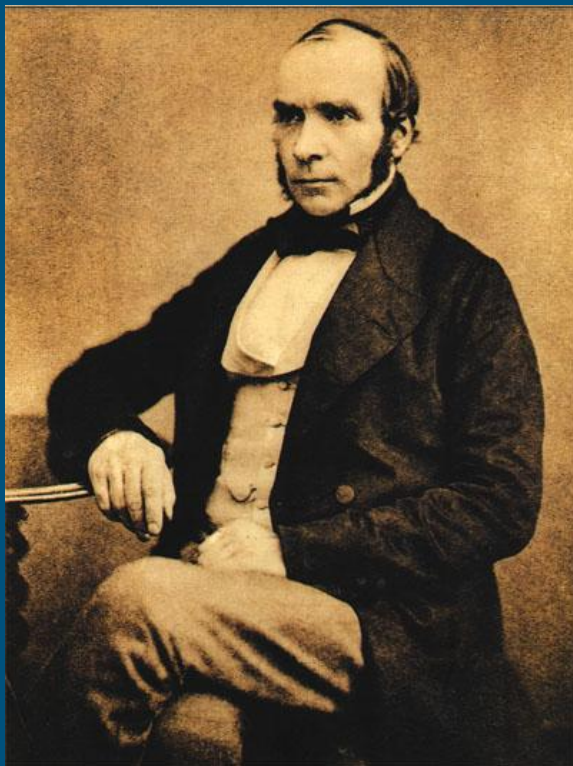
Background info

Tutorial session

The Beginning of Modern Mapping



Dr John Snow



Modern Day Mapping

Apps

Web

Print

Coordinate Reference System

STL Missouri Area

NAD_1983_StatePlane_Missouri_East_FIPS_2401_Feet EPSG: 102696

Others

WGS84 EPSG:4326

Google Mercator EPSG:900913

Metadata

Standards for Metadata

ISO standards

Data Types

Vector

Raster

Data Sources

Organizations - [Great Rivers Greenway](#)

Schools - [Mizzou](#)

Government sites - [Data.gov](#), [NOAA](#)

[OpenStreetMap](#), [Overpass-Turbo.eu](#)

You!

Tutorial Time

Software

QGIS

[Boundless Desktop](#) for Mac, Windows, and
education accounts

[QGIS.org](#) for Linux or 32 bit systems

Plugins to Download

[MMQGIS](#)

[OpenLayers](#)

[Qgis2threejs](#)

[D3](#)

[Qgis2web](#)

More...

[Clip to Hemisphere](#)

Let's make a map

Download data from GeoSTL's Github

https://github.com/geostl/Meet_Me_OutDoors_STL

Web mapping

Mapbox

Leaflet

Carto

OpenLayers

QGIS plugins

MapStory

Boundless SDK

Boundless WAB

Live Example Web Map

<http://geostl.org>

Continue learning

Tutorials

QGISTUTORIALS.COM

[Boundless Tutorials](#)

[Lessons plugin](#)

Resources

[Documentation](#)

[Spatial Slack](#)

YouTube - QGIS

[QGIS Flickr](#)

GeoSTL Events

Mapathons

Workshops

Potlucks

Presentations

Community projects

Open to Presenters

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Questions

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