Openstreetmaps workshop

Python coding for openstreetmaps

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Why Openstreetmaps?

...and presentation of osmnx python package

openstreetmaps?

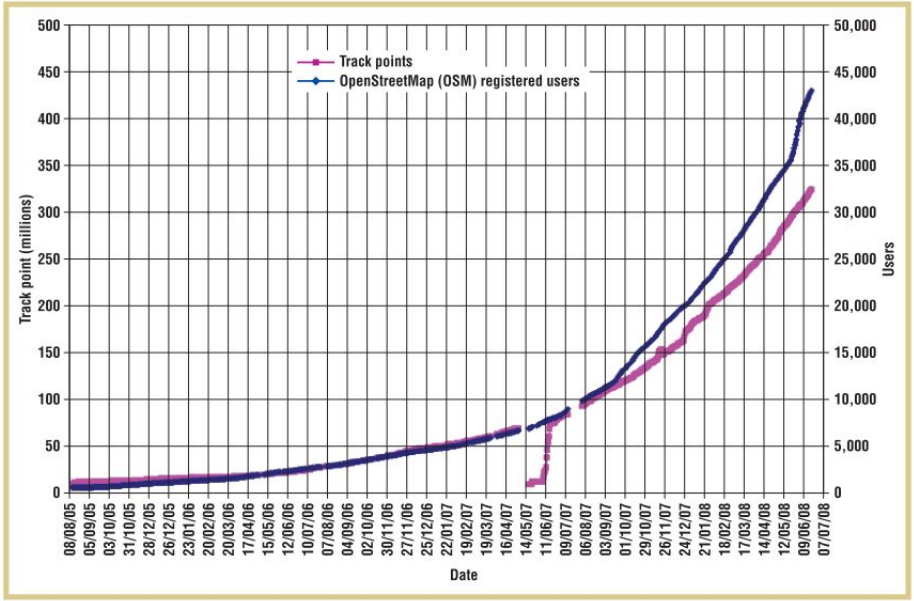
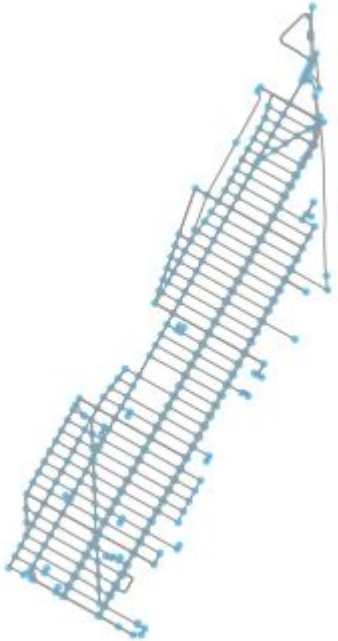
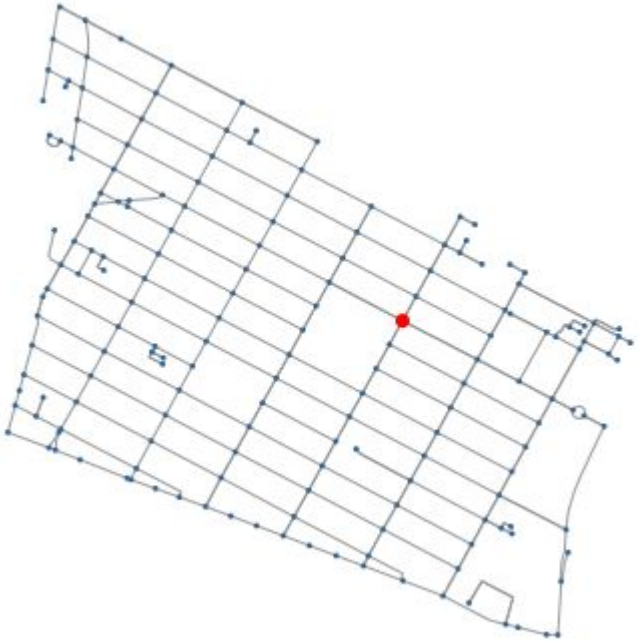


Figure 1. Graph of user and contributions growth to OSM on a monthly basis. The graph shows the accelerating growth in number of users and the rapid increase in data entry measured in track points (source: http://wiki.openstreetmap.org).

M.Haklay et al. “OpenStreet map: User-generated street maps” (2008)





Openstreetmaps analysis

Links to github

https://github.com/cityinteractionlab/openstreetmaps_osmnx_workshop

https://github.com/gboeing/osmnx-examples

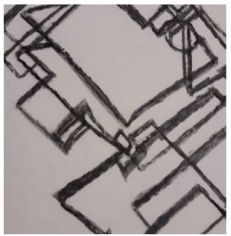
https://github.com/cityinteractionlab/openstreetmaps_osmnx_workshop

Google colab

https://colab.research.google.com/drive/18aLg-YgrxMPUpR4iagZ5YnUnryi0_b30#scrollTo=KwoM_vordZ__

City Interaction lab
Join us
https://sites.google.com/view/liubovkmatematike/city-interaction-lab?authuser=0

City Interaction lab projects

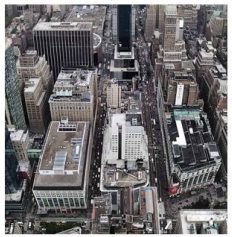


Project 1

We are currently working together with our partners on analysis of citizen science data from around the globe. If you are happy, join us, fork repository

https://github.com/cityinteractionlab/

And explore the open data from iNaturalist and citizen science platforms like SciStarter
Project is organised thanks to Correlaid Germany and is lead by CorrelAid France (L.Bauer) together with UCL



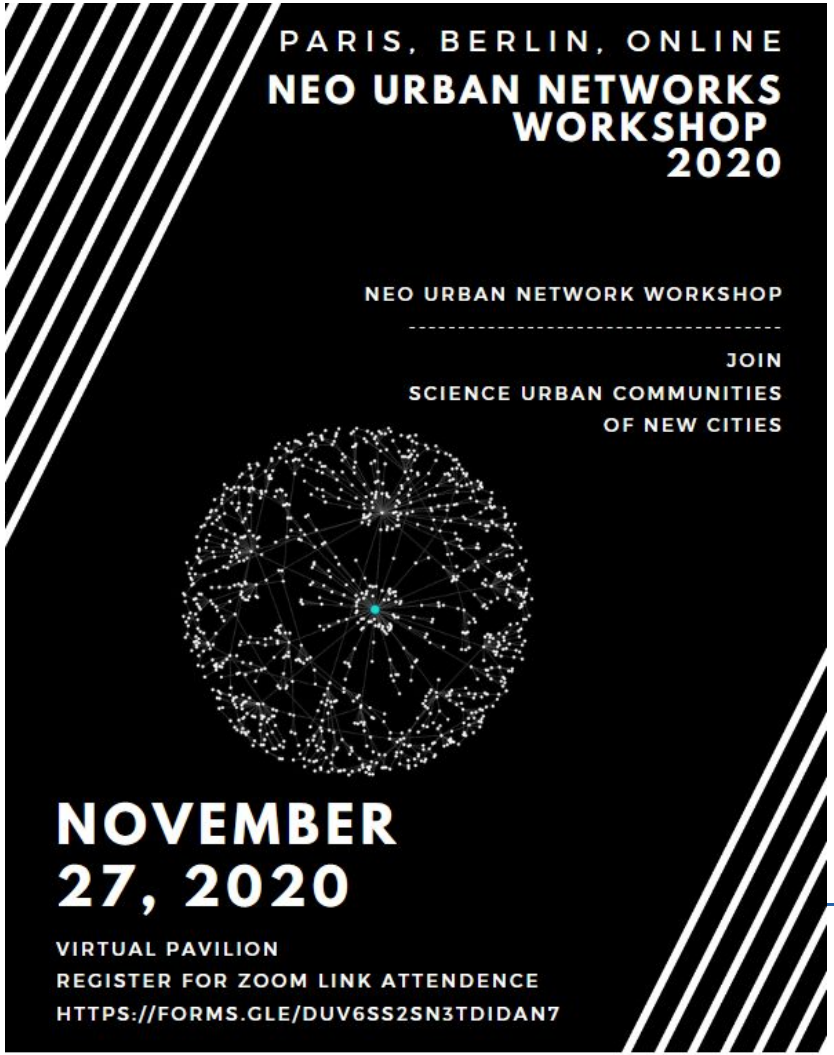
Project 2

Project on Researchers mobility with Openhumans and CRI:

Have a look at related publications
https://euraxess.ec.europa.eu/worldwide/australia-nz/survey-covid-19-will-have-huge-impact-researcher-mobility-and

The webpage of participative project
https://www.openhumans.org/activity/mobility-data-of-researchers/

Open positions: coordinator and data visualisation manager
Join us
verainthecity@yahoo.com liubov.tupikina@cri-paris.org



City Interaction lab events

27th November online

https://sites.google.com/view/liubovkmatematike/city-interaction-lab/neo-urban-workshop?authuser=0