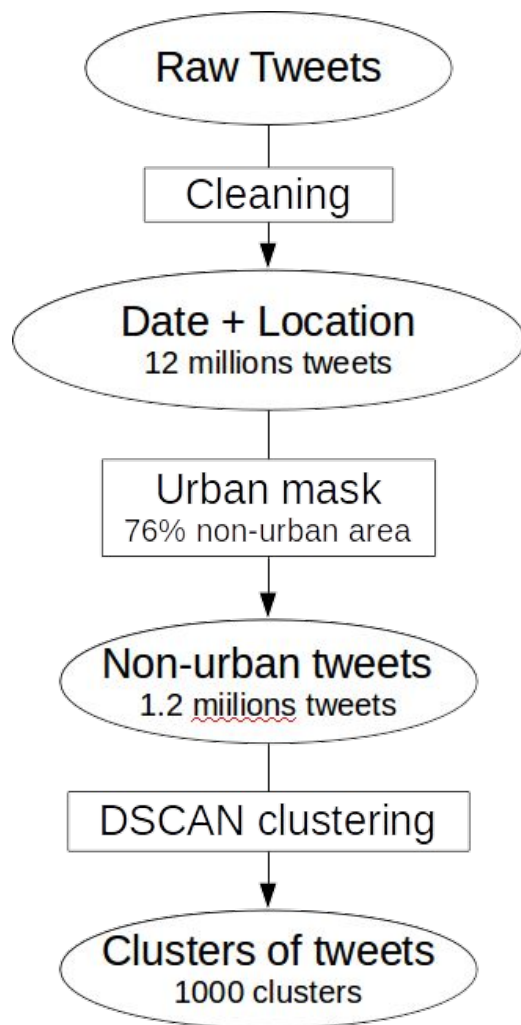


# ADA-Project

Temporal analysis of  
networking activity in  
non-urban points of interest  
in Switzerland

# Dataset

Twitter data in Switzerland  
~20M tweets from 2010-2016  
Geolocated

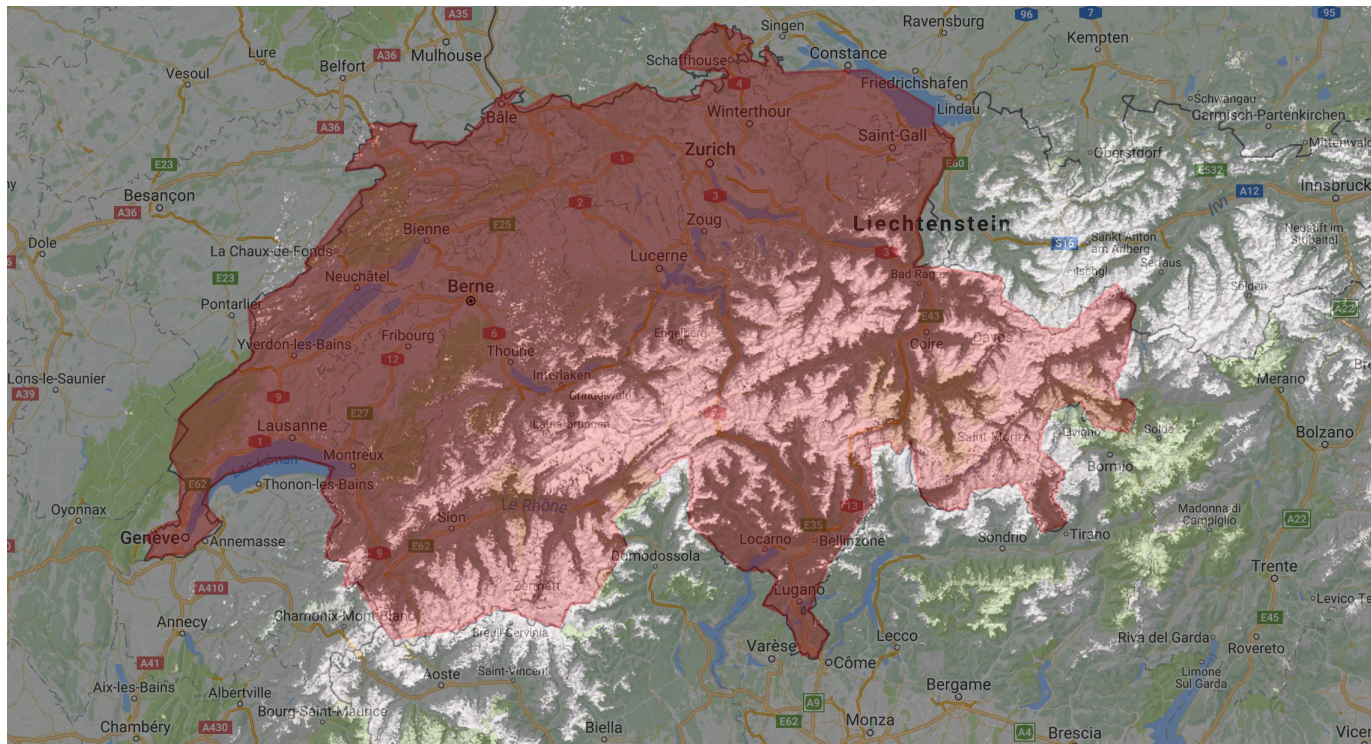


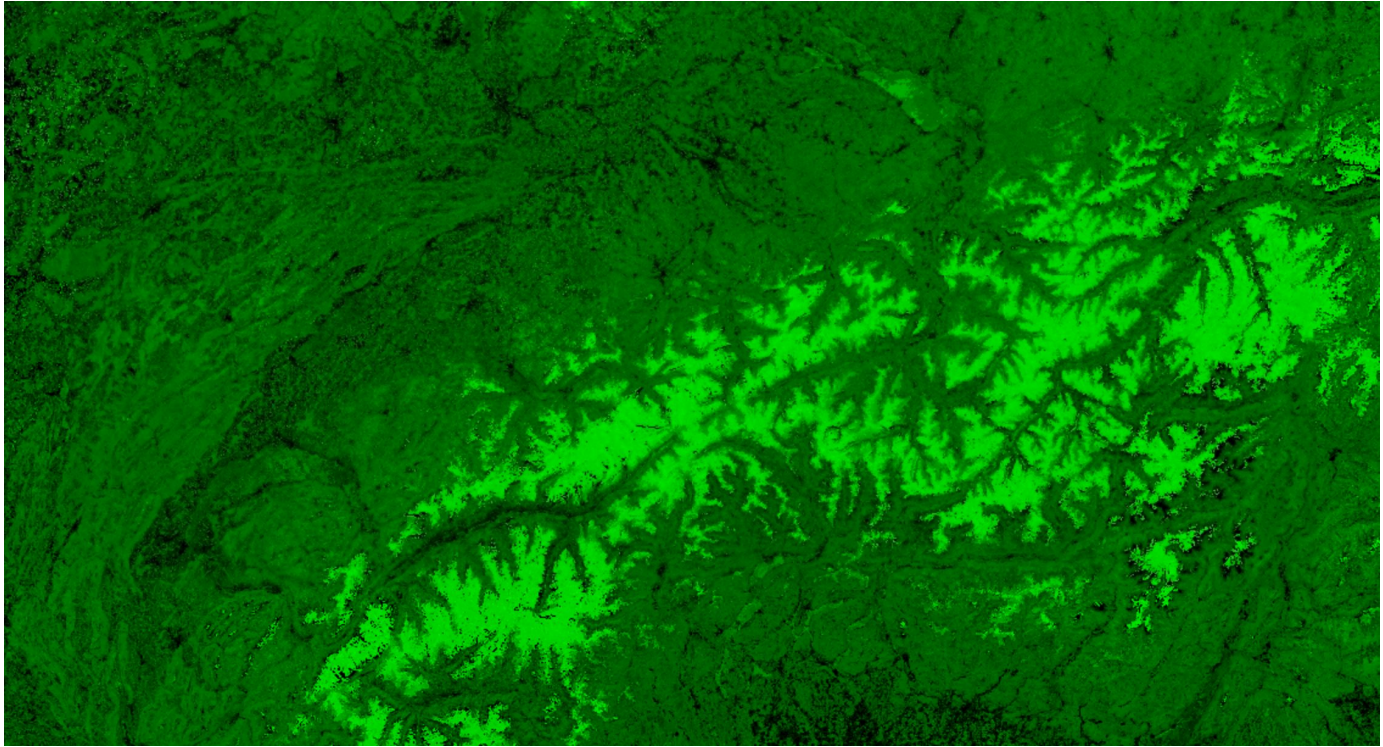
# Urban detection

Remote sensing using Landsat 8 images

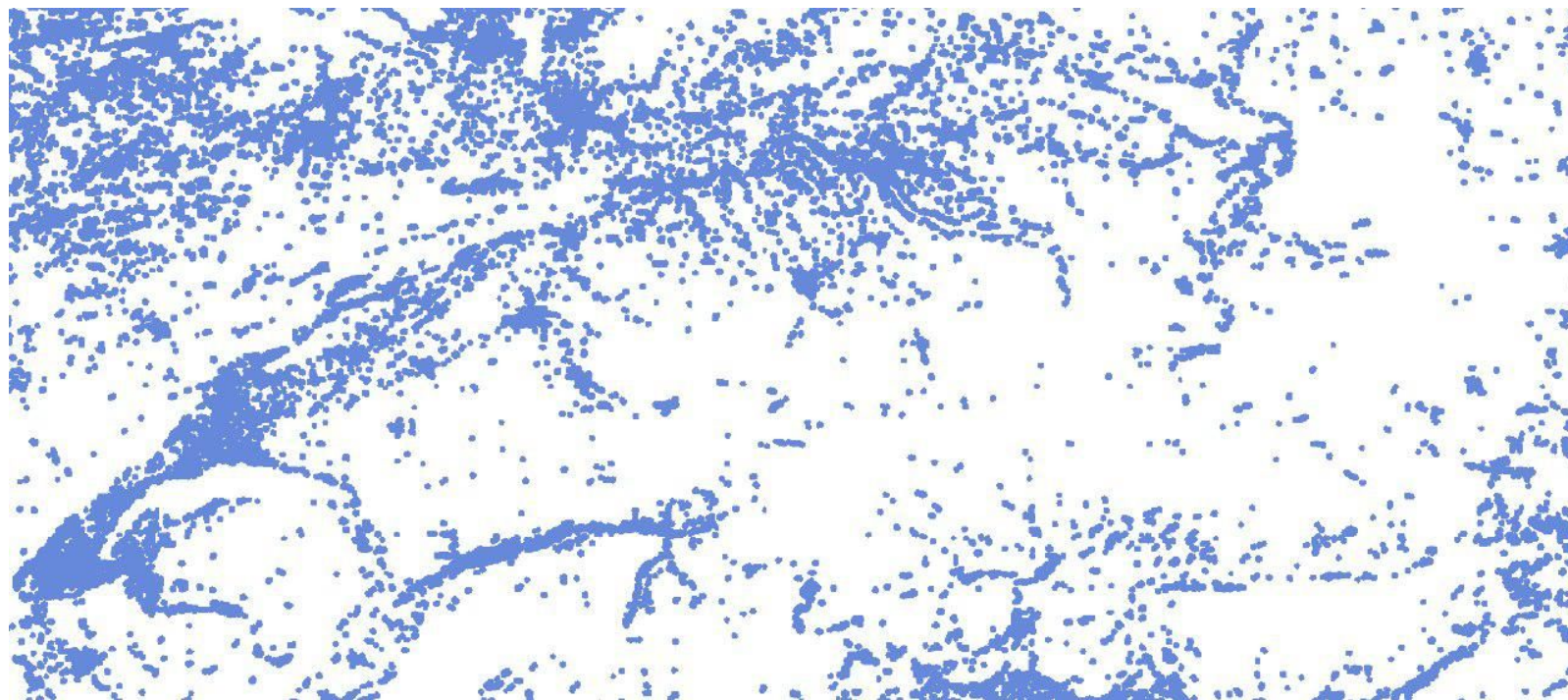
NDBI (Normalized Difference Built-up Index)

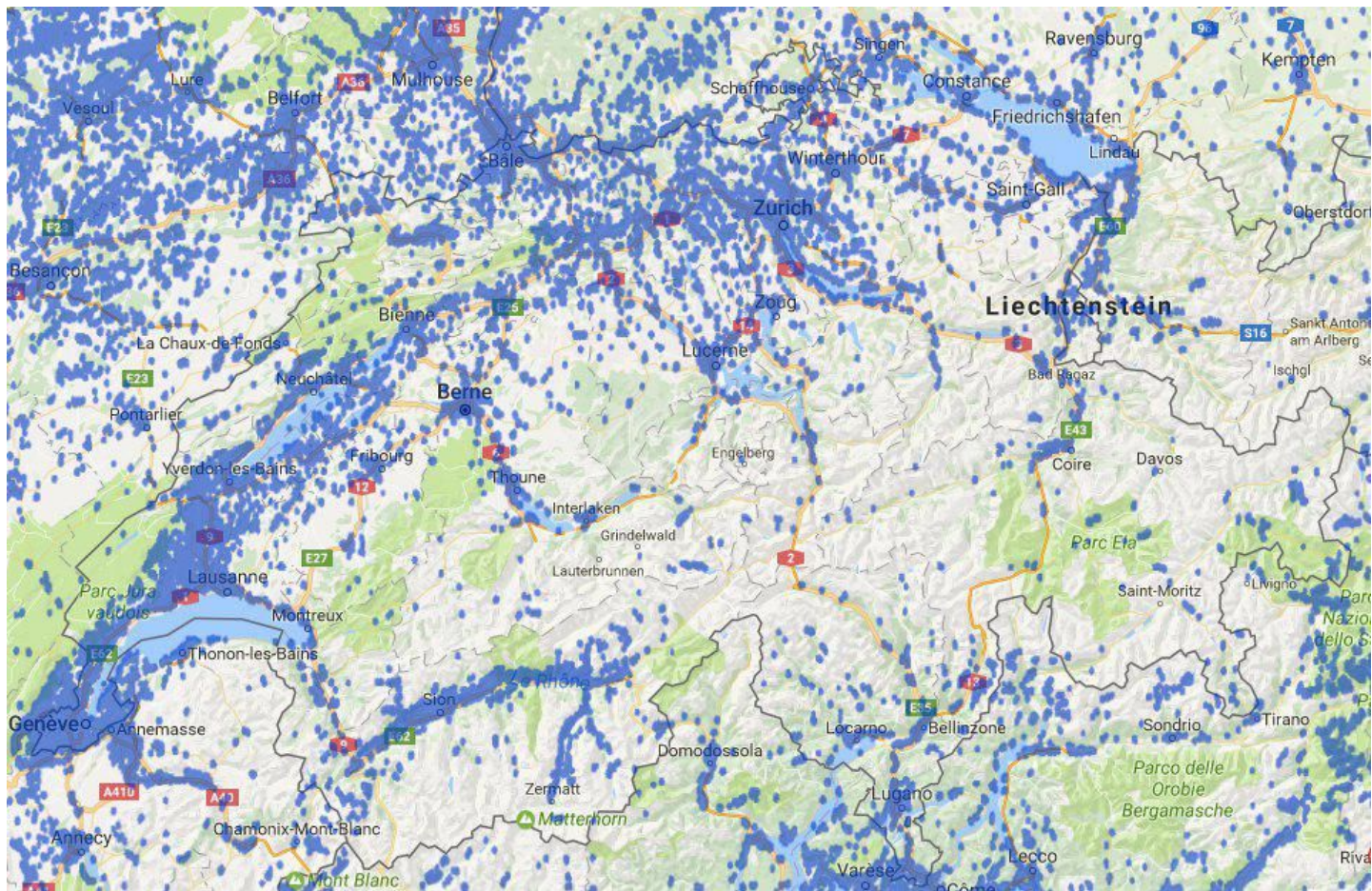
Morphological operator













# Clustering

Discard urban tweets using the mask

Run DSCAN clustering to find points of interest

(K-means for now)

Select top 50

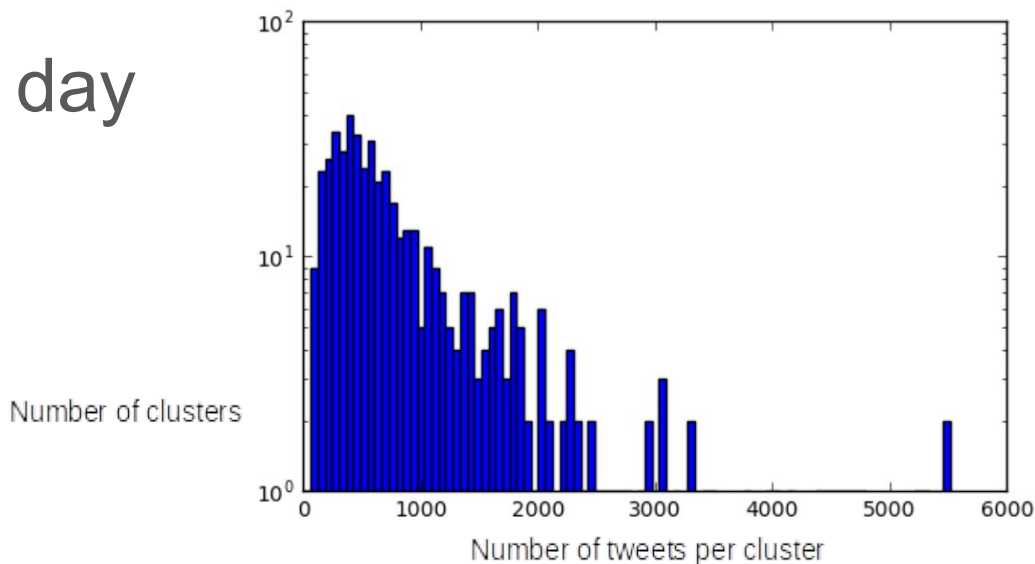
Get addresses

# Stats

Group tweets by cluster and date

Compute tweets per day

Display!



<http://nathanquinteiro.azurewebsites.net/>