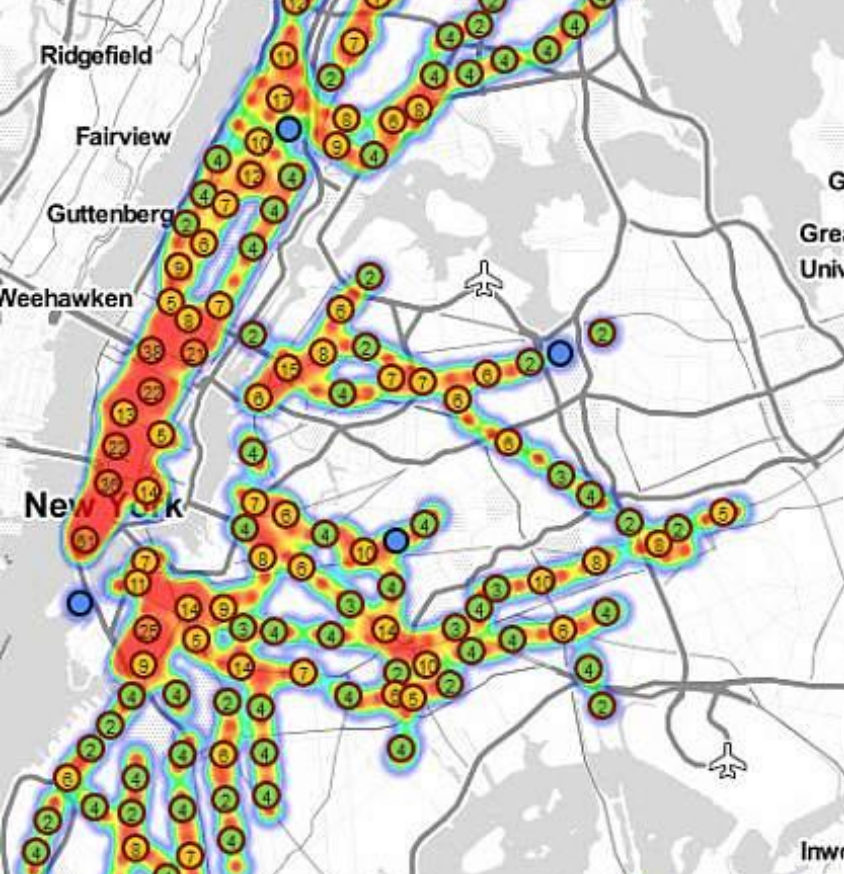


Studying Air temperature Variability in New York City Subway System

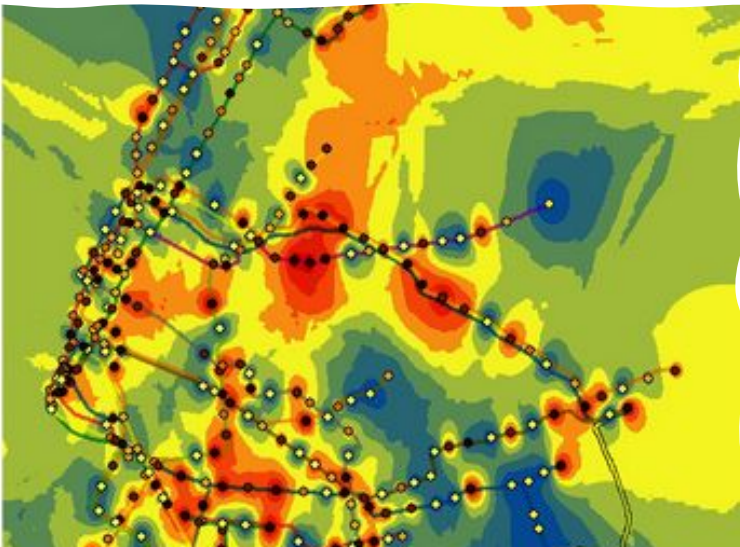
Postdoctoral Mentor: Abdou Bah

Faculty Mentor: Hamid Norouzi,
and Reginald Blake



Objectives

- Study changes of air temperature in NYC subway lines
- Compare subway and outdoor air temperature





How the Study Will be Conducted?

- Collect subway and outdoor air temperature using hand-held thermal infrared cameras
- Transfer collected data into excel spreadsheets
- Analyze transferred data using Python/ MATLAB
- Create data visualization maps using QGIS

Deliverables



SHORT PAPER



RESEARCH
POSTER

Skills You Will Gain



Data collection skills



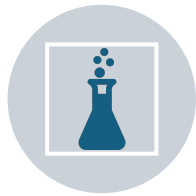
Programming skills



Data visualization and mapping skills



Scientific paper writing skills



Scientific poster presentation skills



Thank you