



DEPARTMENT OF
TRANSPORTATION SERVICES



VEO DATASET : UMD DOTS

Members: Richmond, Uzair, Sumeet

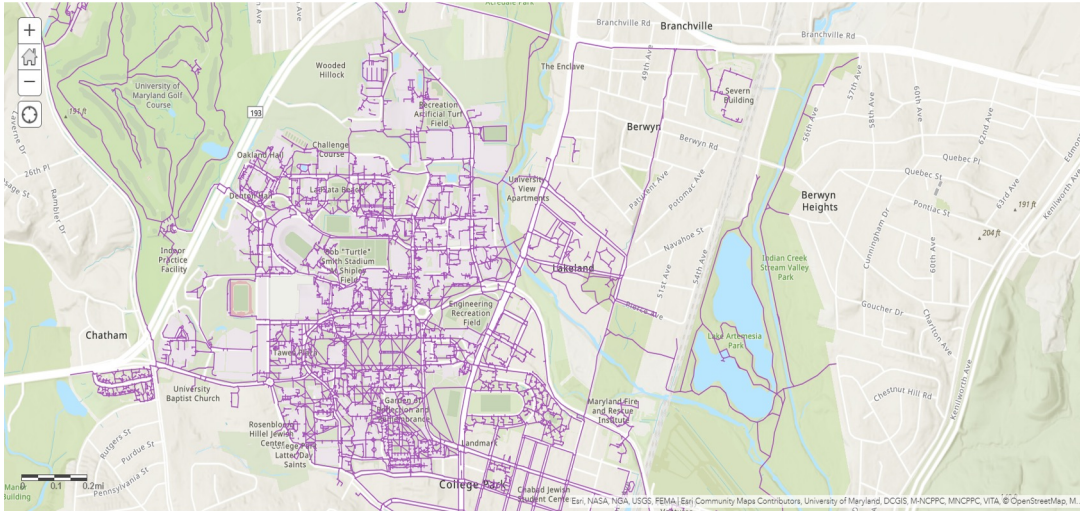
Mentor: Dr. Jill

Initial Analysis:

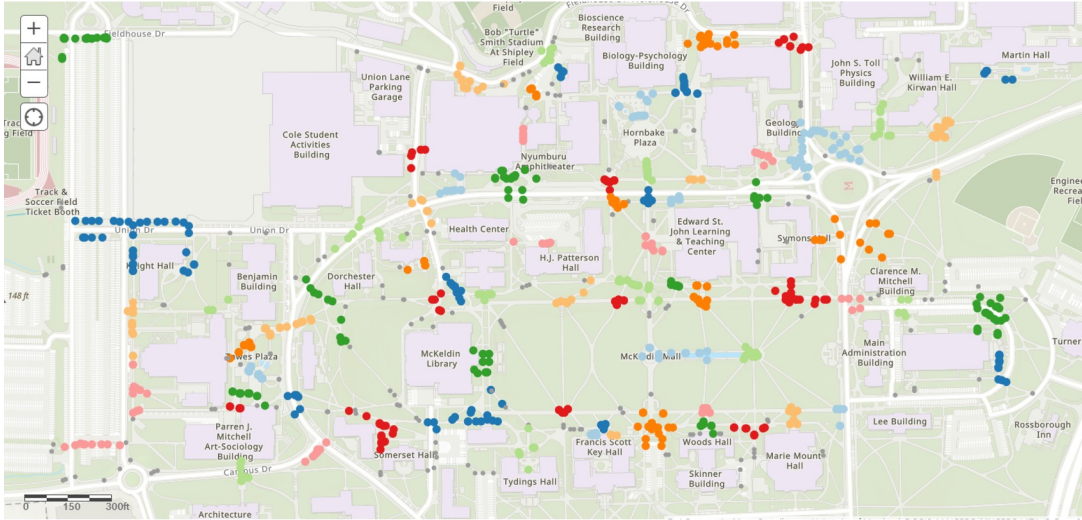
Our main aim is to keep student safety as our highest priority while not discouraging the e-scooter riders who have few alternative routes to their destinations as they are reducing the carbon emissions on campus. We hope to create a win-win situation for all: bike lanes built where needed and e-scooters avoiding sidewalks where necessary

Sidewalks around UMD

Sidewalk data

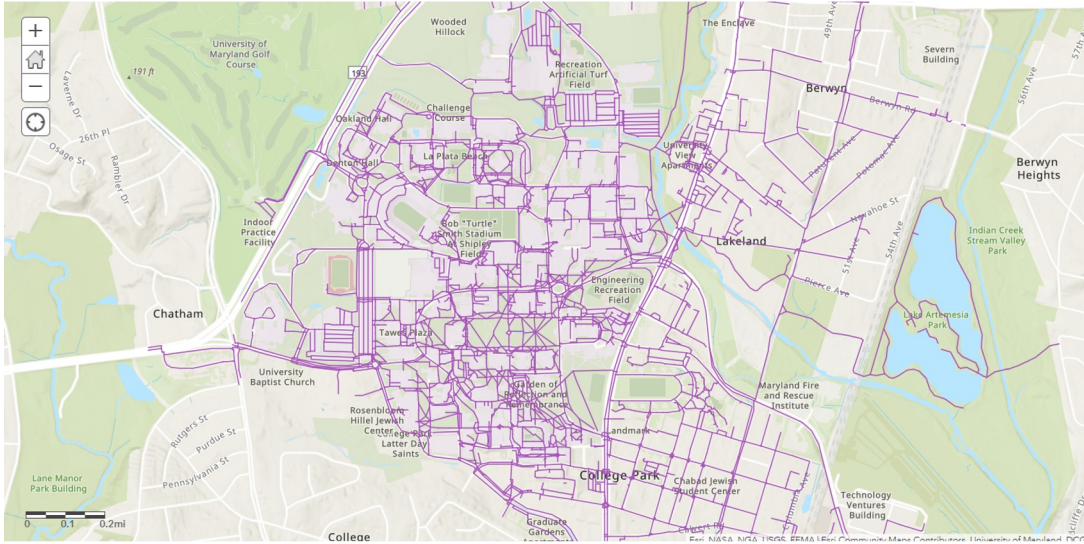


Sidewalks Clustering



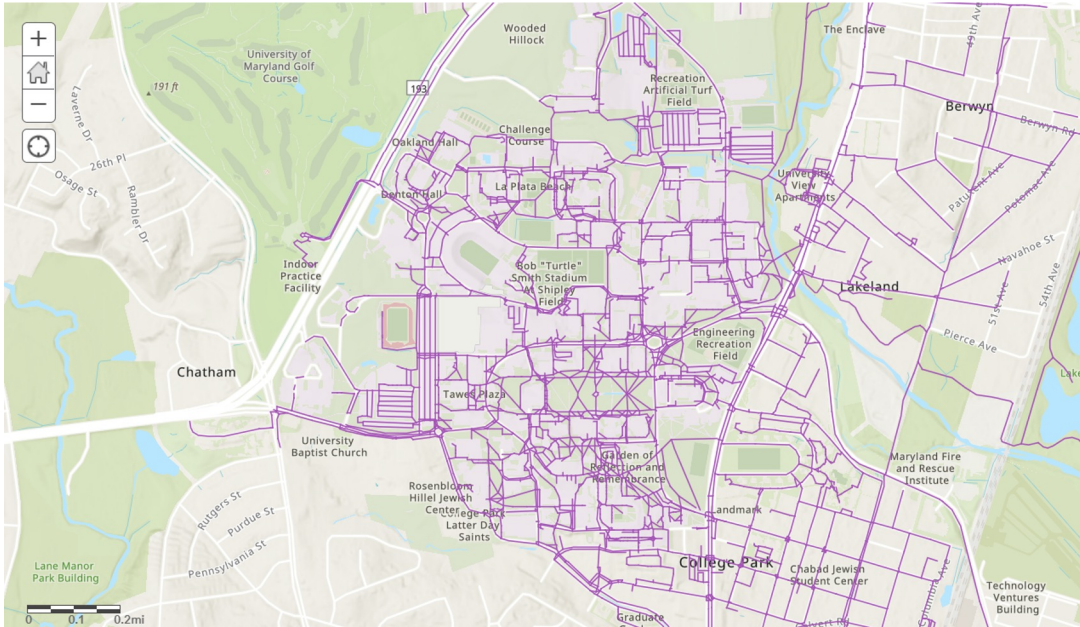
September VEO Data

Veo data for sept

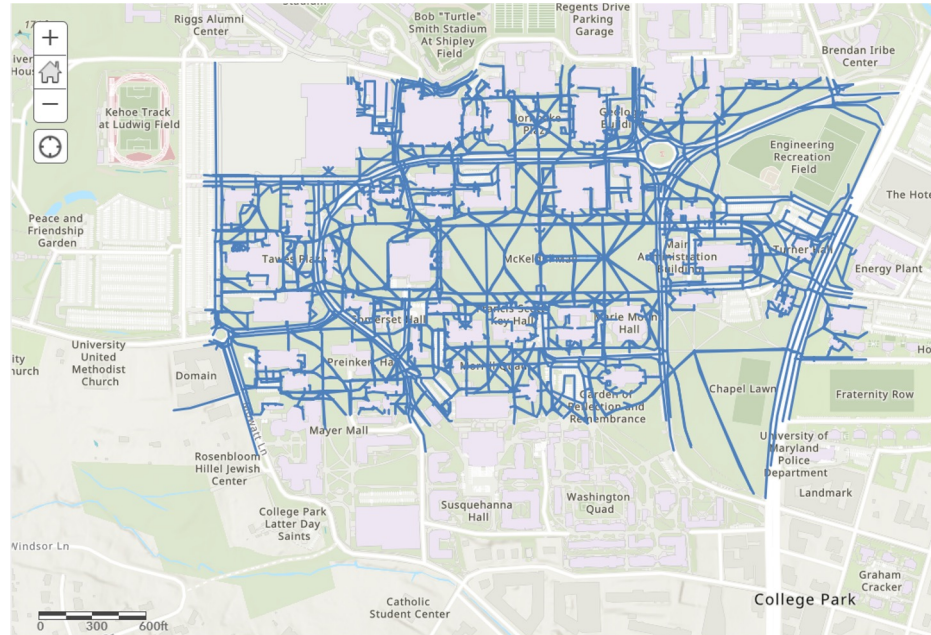


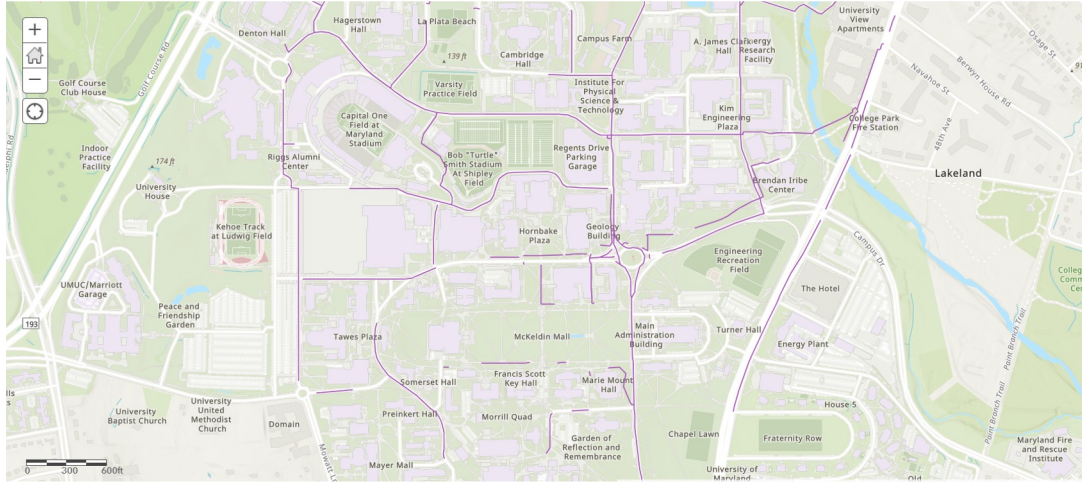
November VEO Data

November VEO data

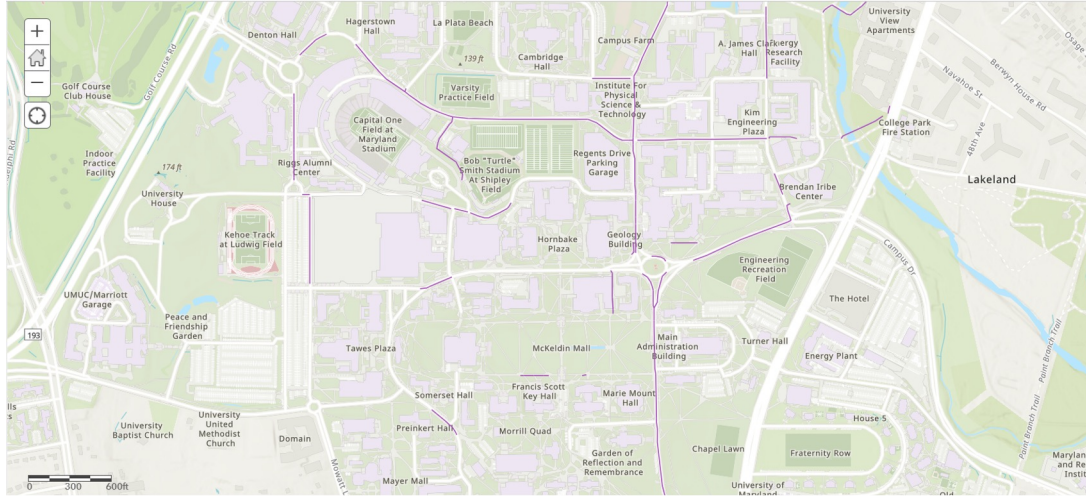


All September Interactions

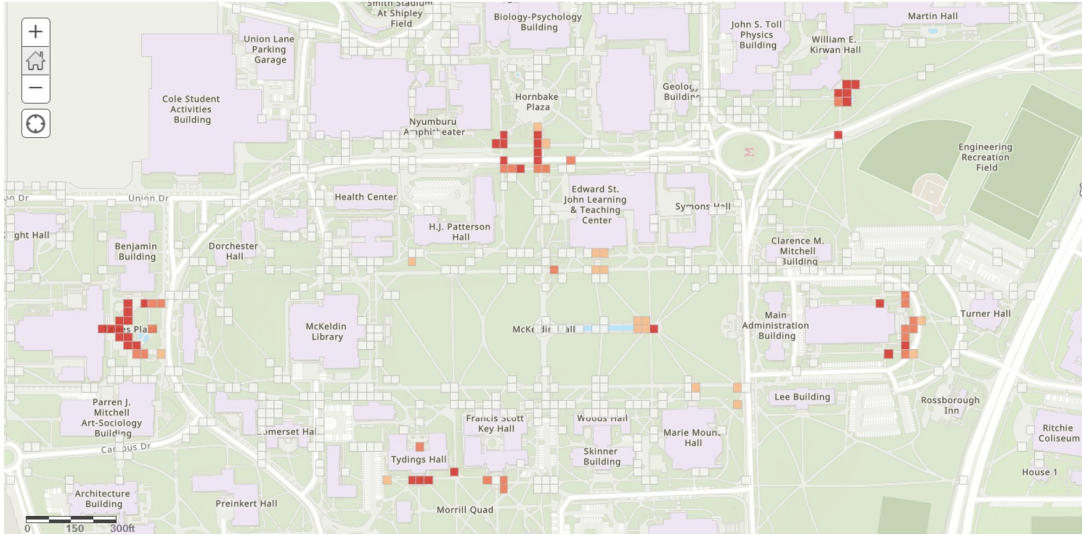




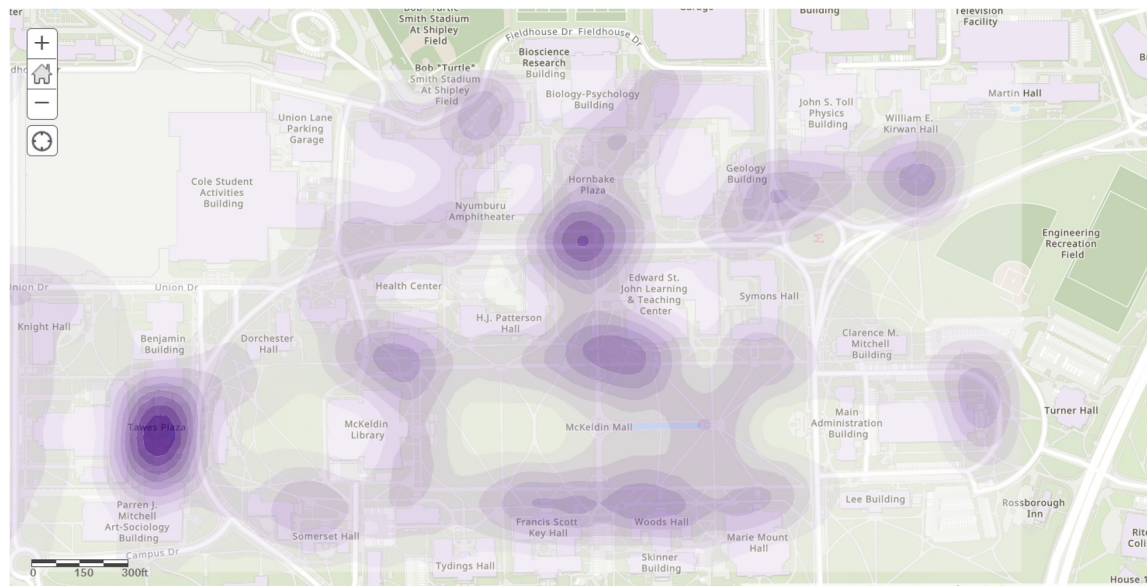
September counts < 1000



November counts < 1000



Hot Spots for September



September density

September data DENSITY

November density

