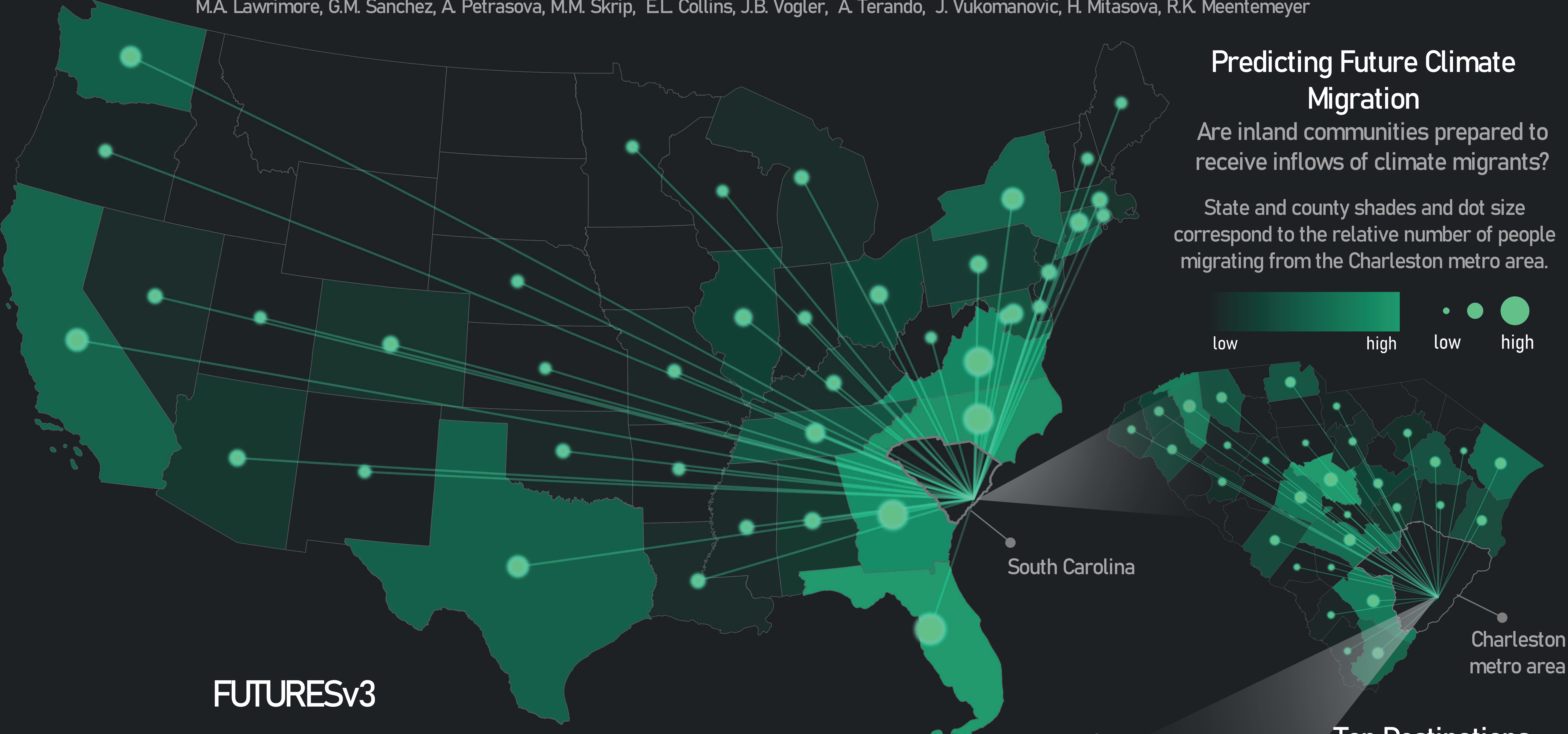


M.A. Lawrimore, G.M. Sanchez, A. Petrasova, M.M. Skrip, E.L. Collins, J.B. Vogler, A. Terando, J. Vukomanovic, H. Mitasova, R.K. Meentemeyer



Predicting Future Climate Migration

Are inland communities prepared to receive inflows of climate migrants?

State and county shades and dot size correspond to the relative number of people migrating from the Charleston metro area.



FUTUREsv3

FUTURE Urban-Regional Environment Simulation

FUTUREsv3 is an open source scenario-based land change model that can probabilistically predict urban growth while also simulating human migration and other response actions

Special thanks to our sponsors

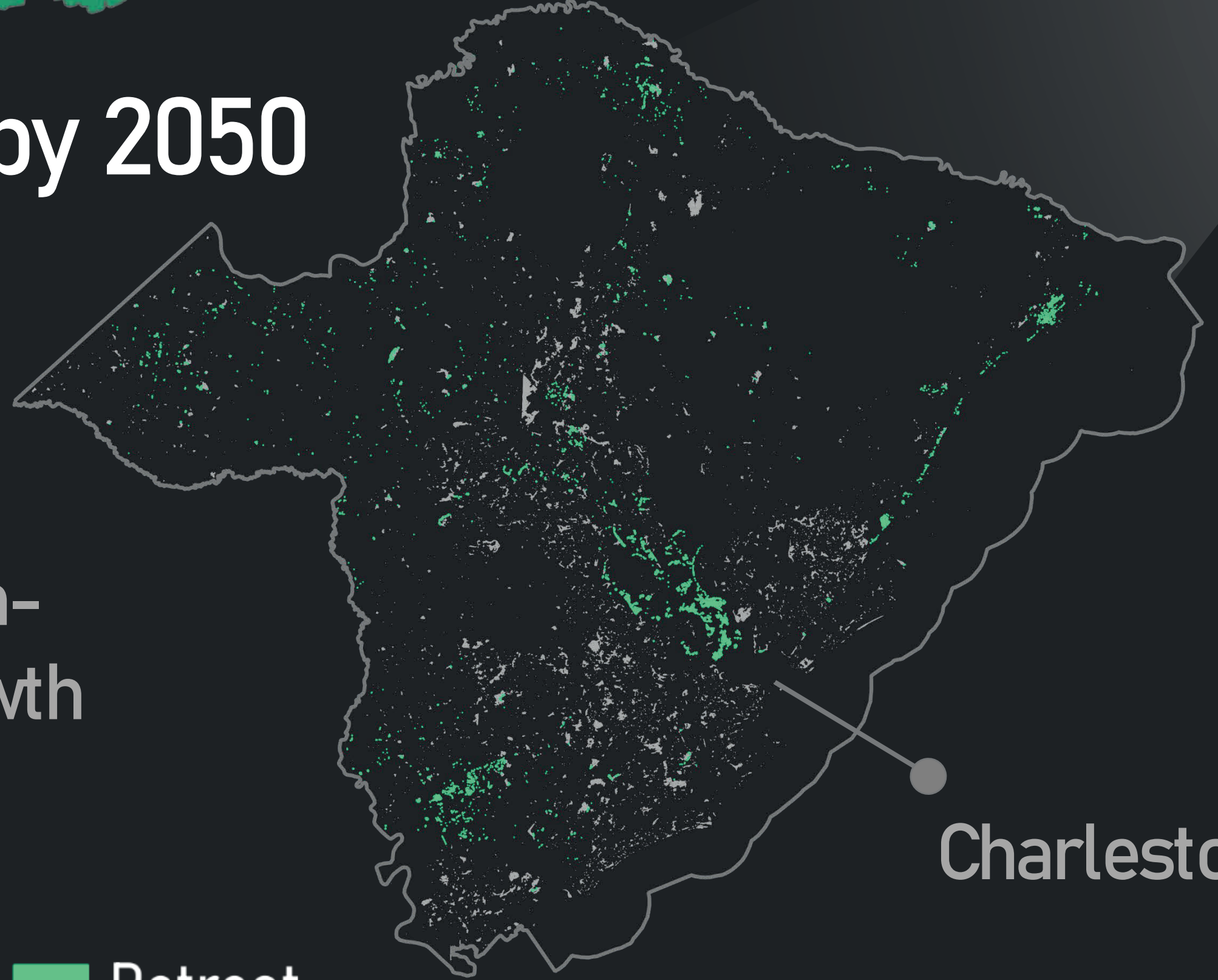


Want to learn more? Visit our webpage



Charleston Migration by 2050

Charleston is expected to experience out-migration (retreat) driven by increasing flood risk and simultaneous in-migration and population growth (new development) driven by amenities and social factors



Retreat (green) New Development (grey)

Top Destinations

Destination	Percentage of Total Retreat
Charleston area	82.4
South Carolina	6.5
Florida	2.8
North Carolina	2.5
Georgia	2.4
Virginia	2.2

Retreat concentrates across the Southeast, but we project relocation as far west as California