

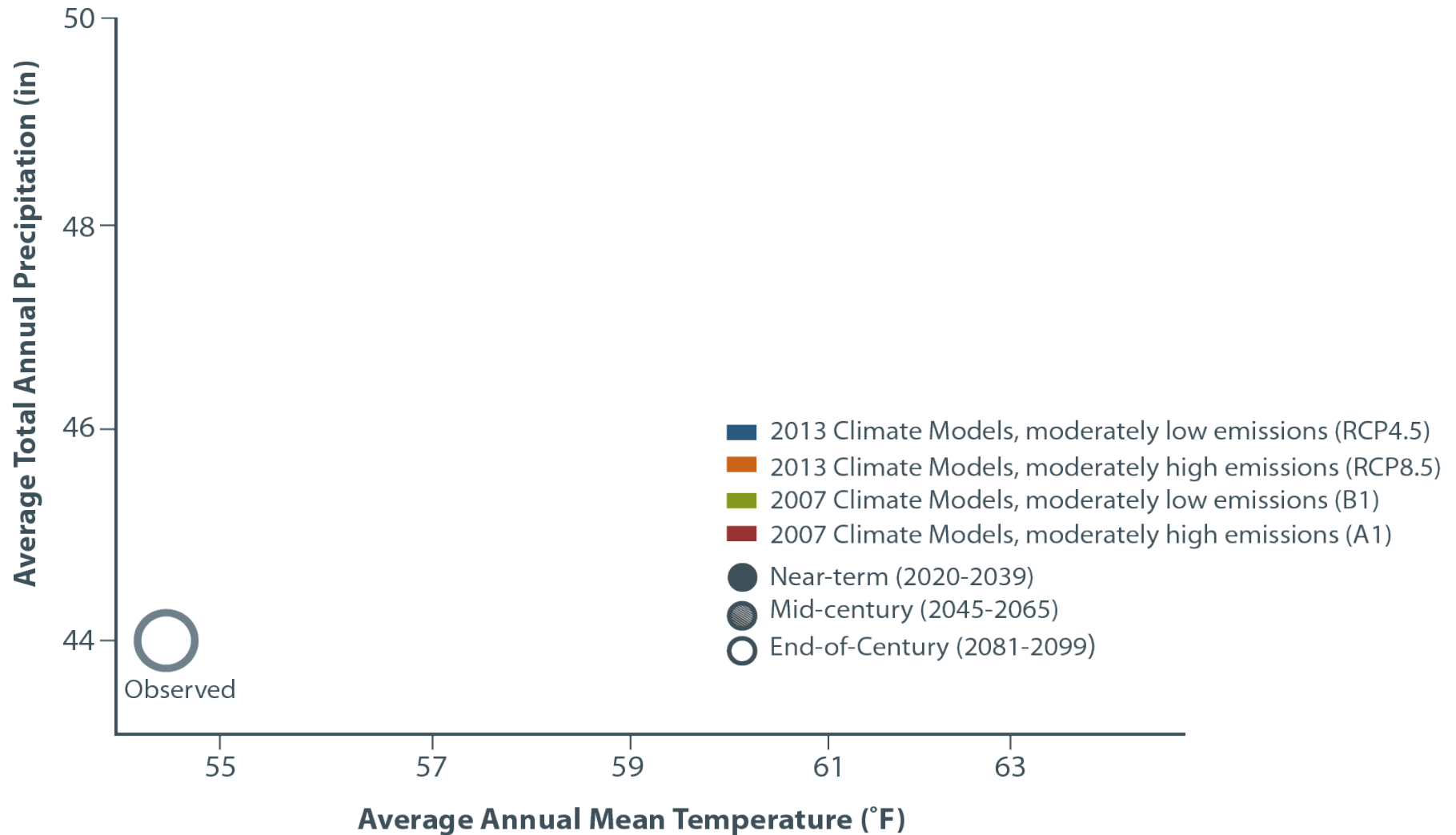
THE CITY OF PHILADELPHIA
— OFFICE OF —
SUSTAINABILITY



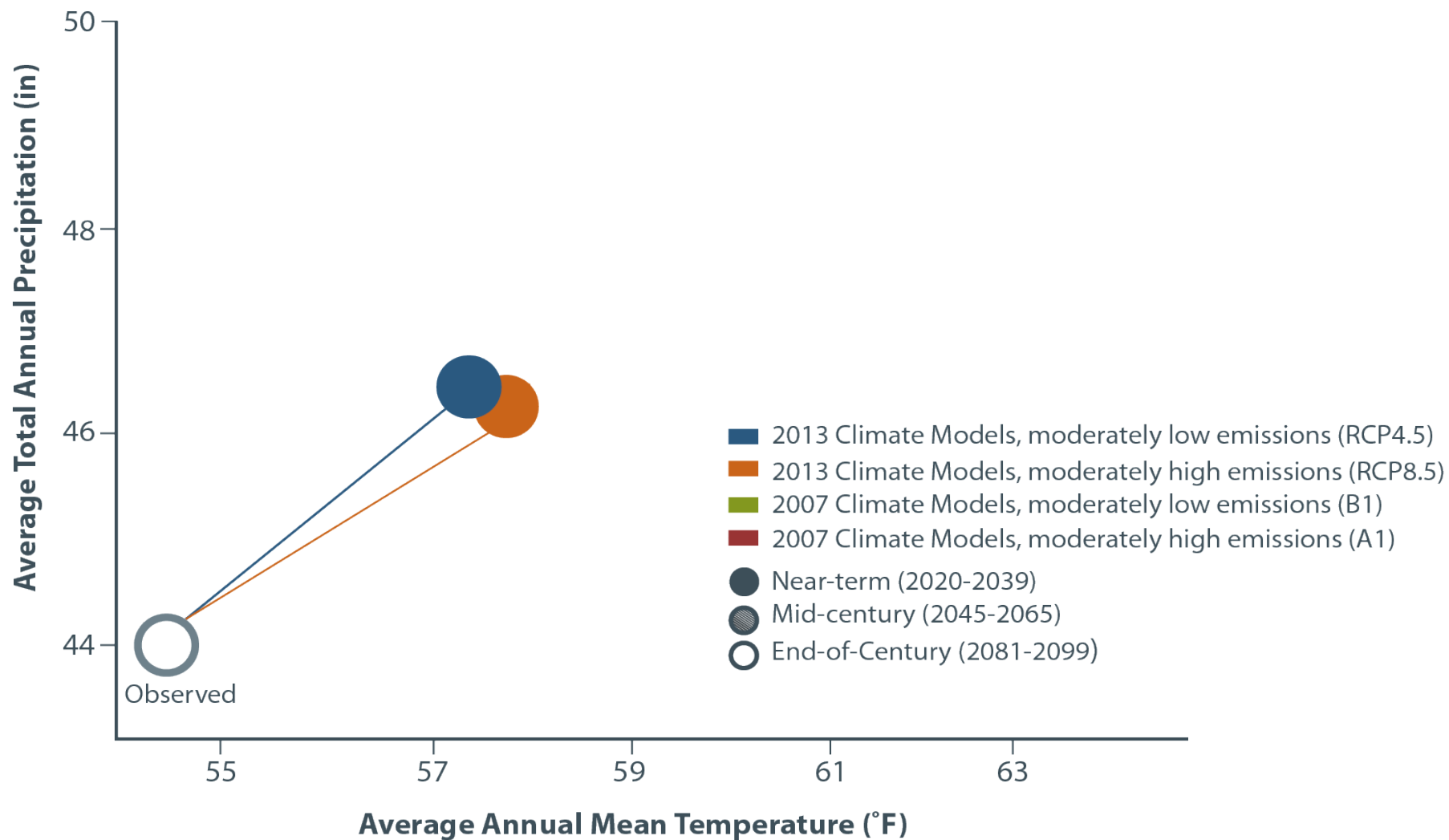
Forests, Urban Trees, and Climate Change

Sarah Wu | October 25, 2016

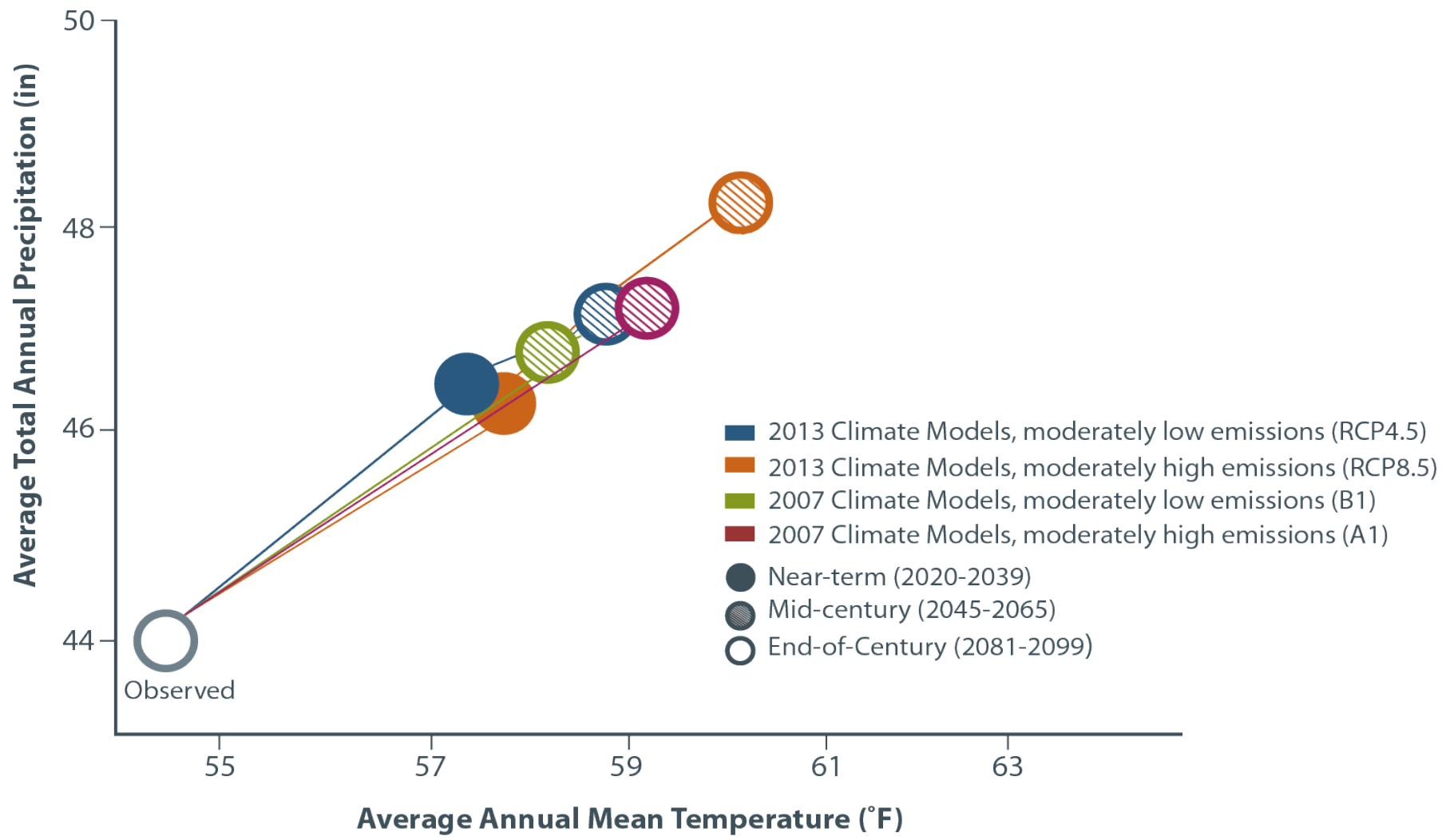
Climate Projections: Temperature and Precipitation



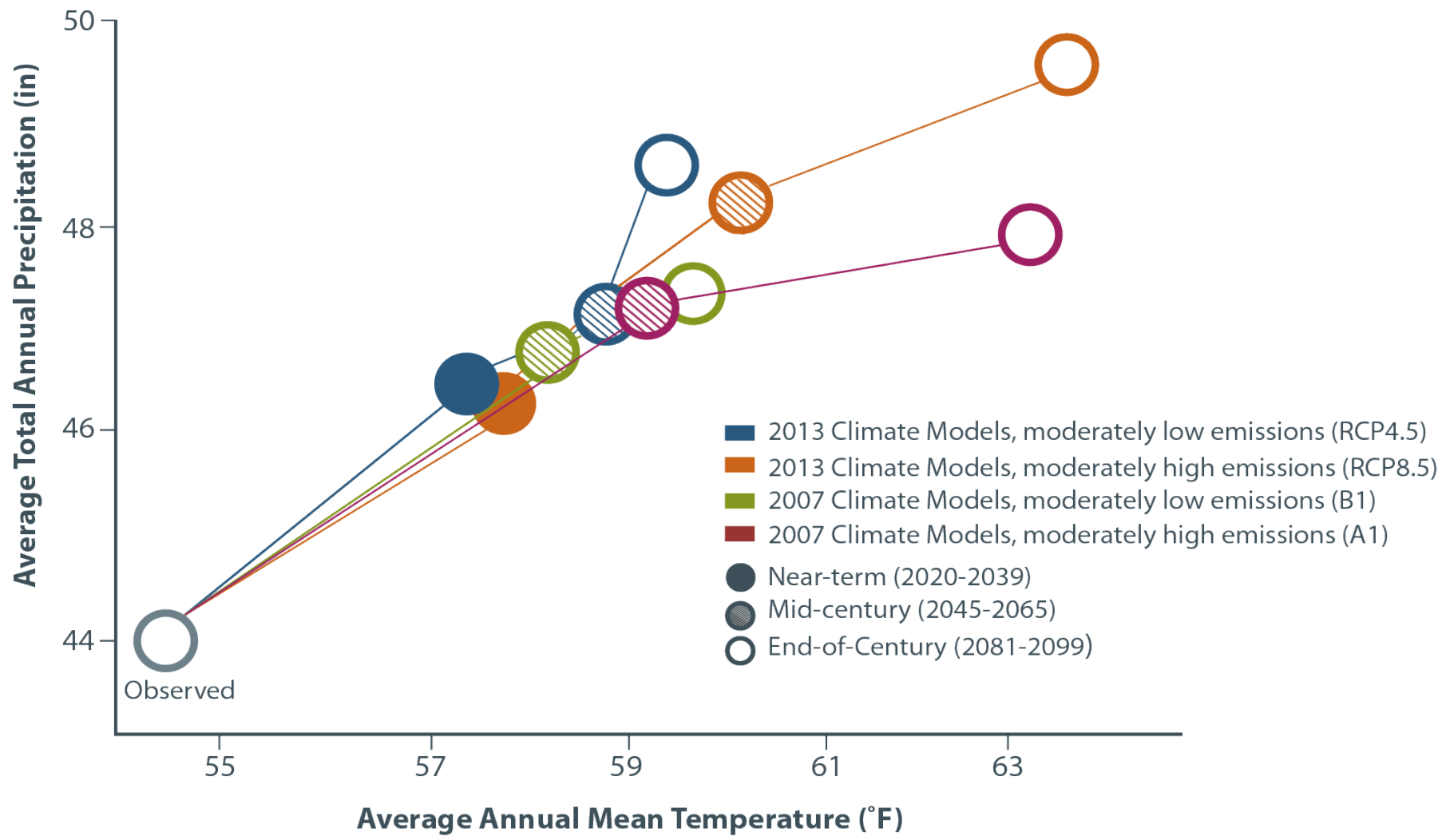
Climate Projections: Temperature and Precipitation



Climate Projections: Temperature and Precipitation

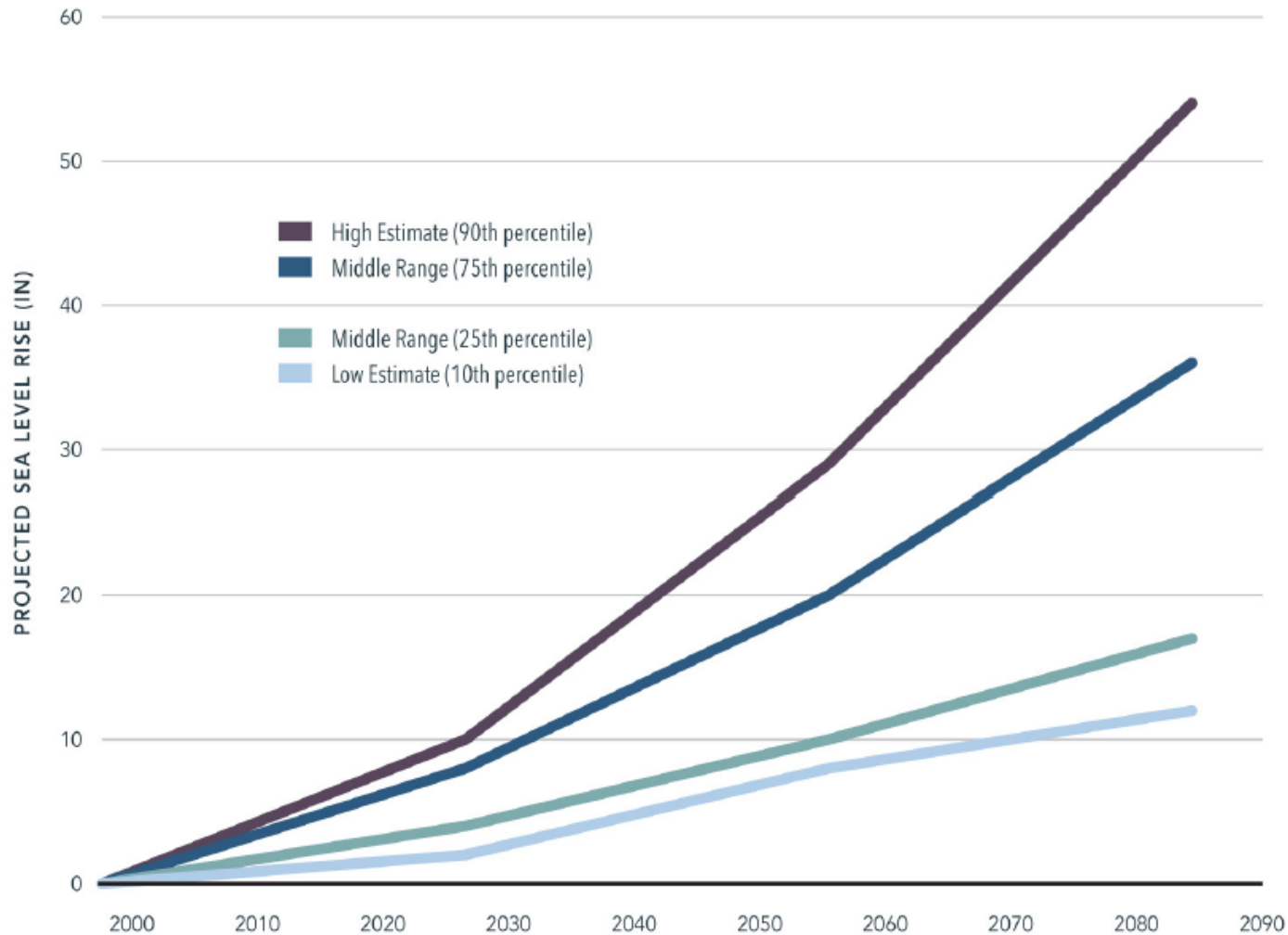


Climate Projections: Temperature and Precipitation



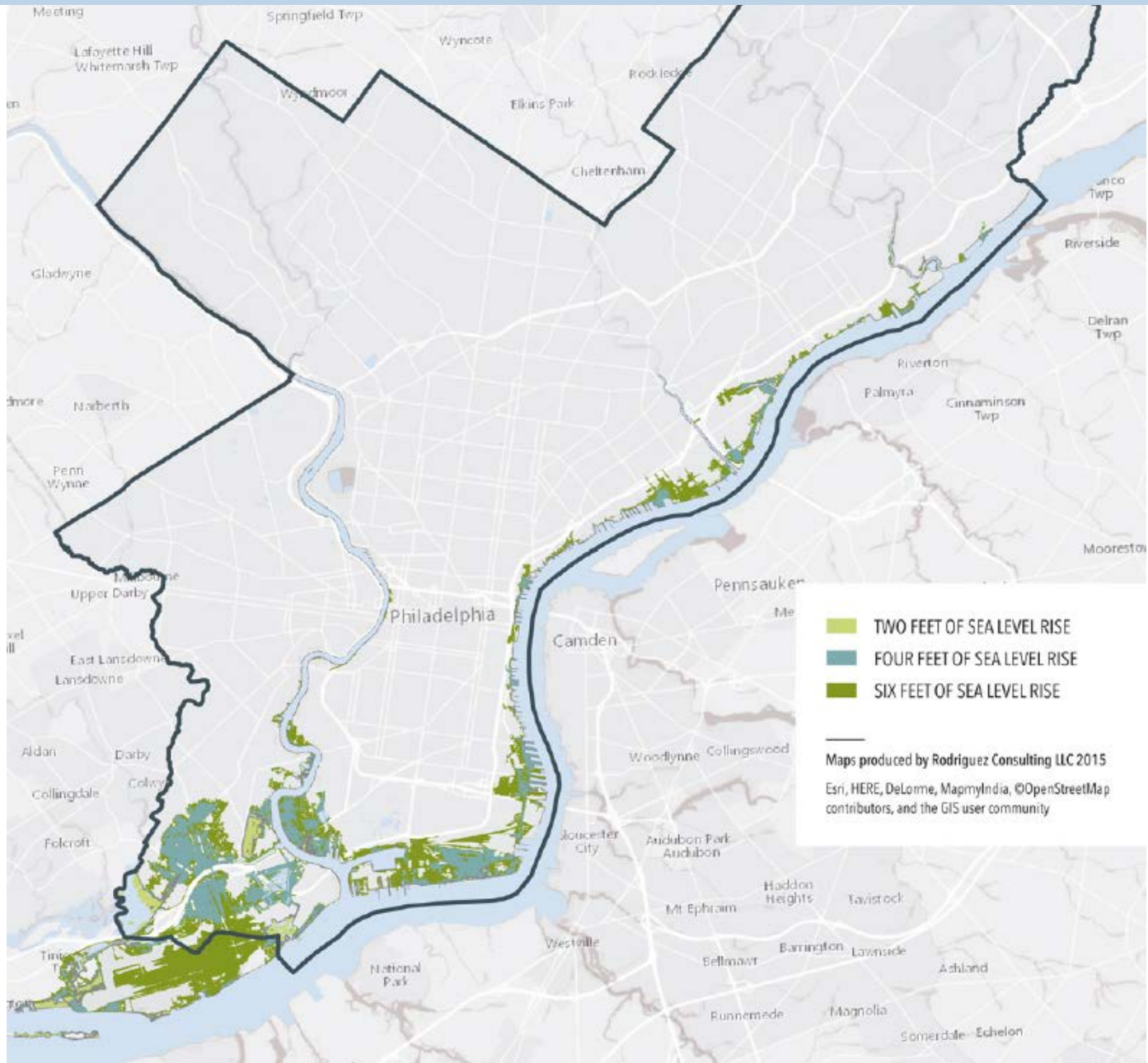
Climate Projections: Sea Level Rise

SEA LEVEL RISE PROJECTIONS FOR THE PHILADELPHIA REGION

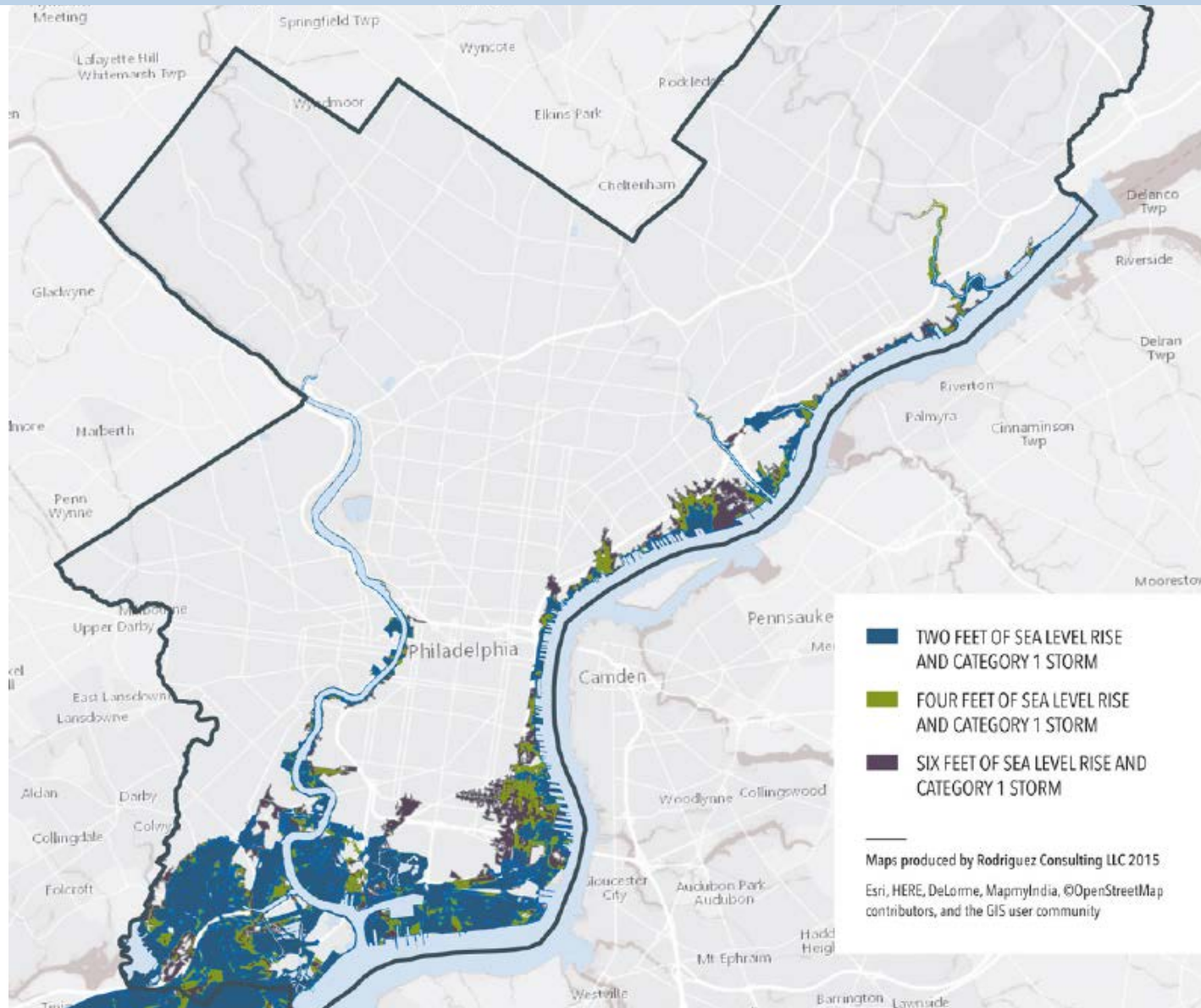


Developed by scientists at Columbia University as part of the Consortium for Climate Risk in the Urban Northeast, and the Climate and Urban Systems Partnership.⁶

Climate Projections: Sea Level Rise



Climate Projections: Sea Level Rise and Storm Surge



Storm Surge/Sea Level Rise Information courtesy of Energy Infrastructure Modeling and Analysis, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy. Original data produced by NOAA with analysis by ICF.

End of Century Inundation Scenarios

Current Conditions



Hurricane Irene



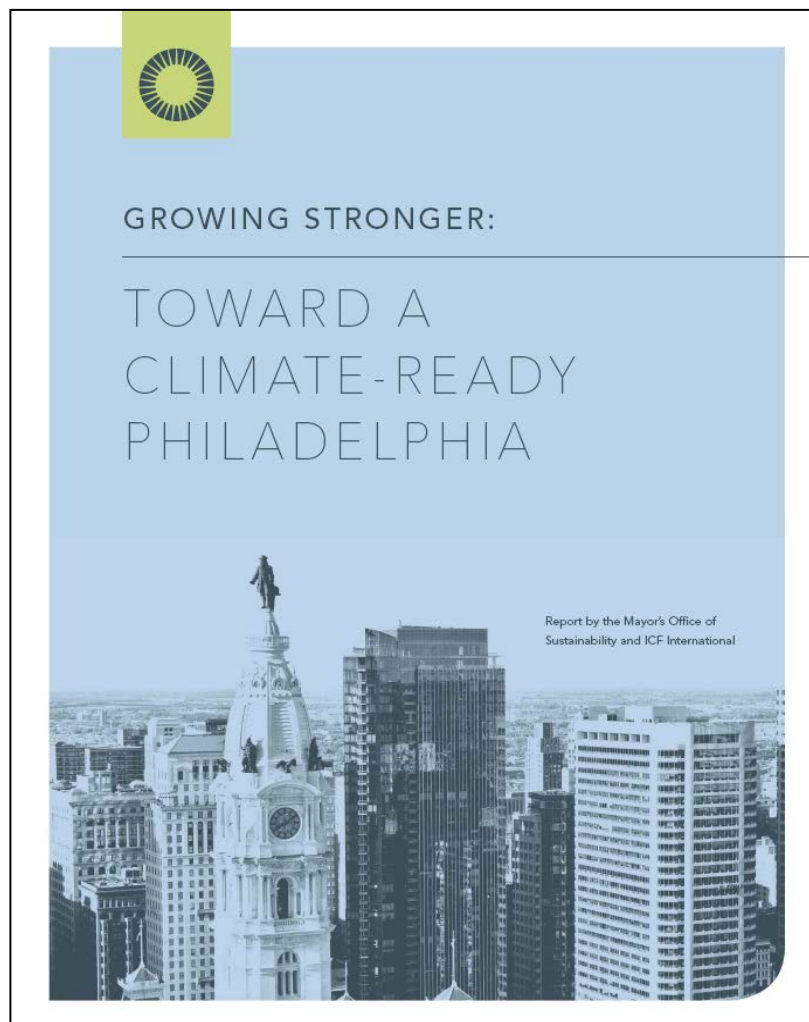
4 feet SLR + Cat 1 Storm



4 feet SLR



Growing Stronger: Toward a Climate-Ready Philadelphia



Available at www.phila.gov/green