**Executive Summary**

The Urban Institute is a nonprofit research organization dedicated to developing evidence-based insights that improve people’s lives and strengthen communities. We are often asked to create affordable housing roadmaps for cities struggling with displacement and gentrification. Unfortunately, we lack the foundational data on the kinds of buildings that are currently in cities to pursue this effectively. We are asking for your help in creating a novel dataset on building heights in American cities that will allow research organizations and cities to create data-driven affordable housing plans, monitor neighborhood change, and possibly create early warning systems for gentrification and displacement. We challenge you to create a generalizable methodology that takes input satellite, LIDAR, and building footprint data and outputs “predicted” building heights.