

Cool priorities SMART GROWTH FOR DALLAS

This map displays the results of the Smart Growth for Dallas Cool overall priorities. This objective is designed to identify opportunities to cool people from heat waves, and reduce summer energy use through the increase of tree canopy, creating shady green spaces and reduction of head absorption by buildings and impervious surfaces. These improvements can help reduce the urban "heat island" effect.

The Cool overall benefit result shown here was created by combining the seven criteria models listed below using a weighted max with weights designated by the technical advisory committee. These criteria were selected as they provide a view of where the hottest areas in the city are, and the most effective actions to reduce temperatures:

> Urban heat islands - air temperature (33%) Urban heat islands - land surface temperature (8%) Increase tree canopy over hot surfaces (23%) Increase high albedo roofs & surfaces (6%) Tree gaps in parks, open space and trails (11%) Street tree gap (8%) Plant trees in vegetated medians (13%)

Orange and red represent areas of moderate, high, and very high priority. Green infrastructure interventions in these areas can be expected to help reduce the urban "heat island" effect.

For more information about the analysis methodology for the Smart Growth Dallas project visit: https://web.tplgis.org/Smart_Growth_Dallas/









