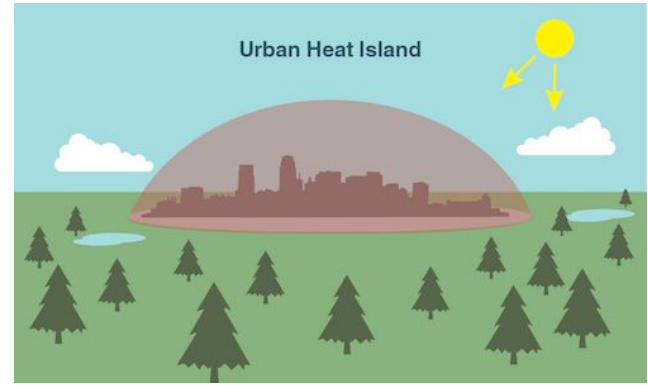


Urban Heat Island Effect

The background is a solid teal color. On the right side, there are several decorative elements: a large, semi-transparent pie chart with three segments, and several smaller, semi-transparent pie charts of varying sizes scattered around it. In the bottom right corner, there is a stylized bar chart with four vertical bars of increasing height from left to right, each with a rounded top.

A Study of Various City Surfaces

What is it?



- Urban areas have a higher temperature than more rural areas
 - Building materials
 - Lack of greenery
 - Blockage of wind
- Problems it causes
 - Higher overall temperatures (especially during the night)
 - Increased usage of air conditioning (positive feedback loop)
 - General discomfort



My Research

- Temperature Sensors
 - Black Roof
 - White Roof
 - Green Roof
 - Landscaping
 - Pavement
- How effective is each surface
 - Compare temperatures
 - Is it worth the investment?



Thank You!

