New Park Location Analysis

By: Chaz Armijo

Presentation Outline

For full presentation, visit http://prezi.com/2lccetql0egj/new-park-suitability-north-austin-redevelopment/

Goal: Find suitable areas where a new park should be located

Process:

1. Determine areas of need
2. Determine factors to be weighed
3. Use Geographic Information Systems (GIS) to find potential land for new park

Project Scope: Airport Blvd. and Burnet Rd. redevelopment areas

Why: This North Austin area has a large park service gap and will be undergoing redevelopment in the near future. These two factors alone provide a great opportunity to locate land for a new park.

Factors Considered in Analysis:

- Existing parks and service buffers
- Population density
- Planned bike routes
- Capital Metro bus stops

Analysis: Through utilization of GIS, I overlaid the layers of data to see areas where all positive variable exist

Study Limitations:

- Outdated data
- Time constraint

Opportunities for Further Analysis: Inclusion of obesity and obesity related disease data in the location analysis of new parkland