Challenges in Local Government

• Evaluating growth
• Dealing with negative perceptions (safety, sprawl)
• Retrofitting the city
• Staying competitive
• Communicating with data
Accessibility planning helps local governments connect residents and businesses with the destinations they care about... and this improves the city’s bottom line.
• Top factors for business location:
  – Access to transportation hubs
  – Access to universities
  – Access to hospitals
  – Labor force access

• Top factors for retail site selection:
  – Trade area size (e.g. population within 20 minutes)
  – Population characteristics of trade area
  – Site-level access: traffic, parking, transit, pedestrians?
• Receipts from property taxes are intrinsically linked to property values
  – Decreases in property values during the housing crisis affected city budgets
• Strong demand for housing in neighborhoods where residents can walk for daily errands
  – As much as a 5-8% or $3K lift from walkability
  – Robust across all demographic & income groups
Meet Kevin

• Former competitive long-distance mountain bicyclist

• Now a volunteer for his town’s bicycle advisory committee

• Kevin wants to bike his kids to school
• All Federal funds come with requirements to demonstrate that money is being spent fairly
  – Title VI & Environmental Justice Executive Order
  – Social Inclusion (UK) / Equity & Inclusion (CA)
  – Areas of concern: historically disadvantaged populations (minority & low-income)
  – Disproportionate distribution of benefits / impacts

• Key issues:
  – Access to jobs & basic government services
Geodesigning accessibility:

- Create a new “what-if” scenario by coding a public transit line within ArcGIS for Desktop
- Evaluate the increase in jobs accessible via transit for residents without a car using cloud computing
- Share web-based maps with stakeholders
Walk Access to Transit Stops in 20 Minutes

Legend

Relative Access to Bus Stops in 20 minutes by Walk

- No Access
- 1-20: Worst
- 21-40: Worse
- 41-60: Average
- 61-80: Better
- 81-100: Best
Accessibility Scores for Errands by Walk Mode

- No Access (Score=0)
- Very Limited Access (1-25)
- Limited Access (25-50)
- Fair Access (51-75)
- Moderate Access (76-99)
- Sufficient Access (100+)

Legend
A Perfect Partnership

With Sugar Access and your local knowledge, you can plan and build a more livable city.