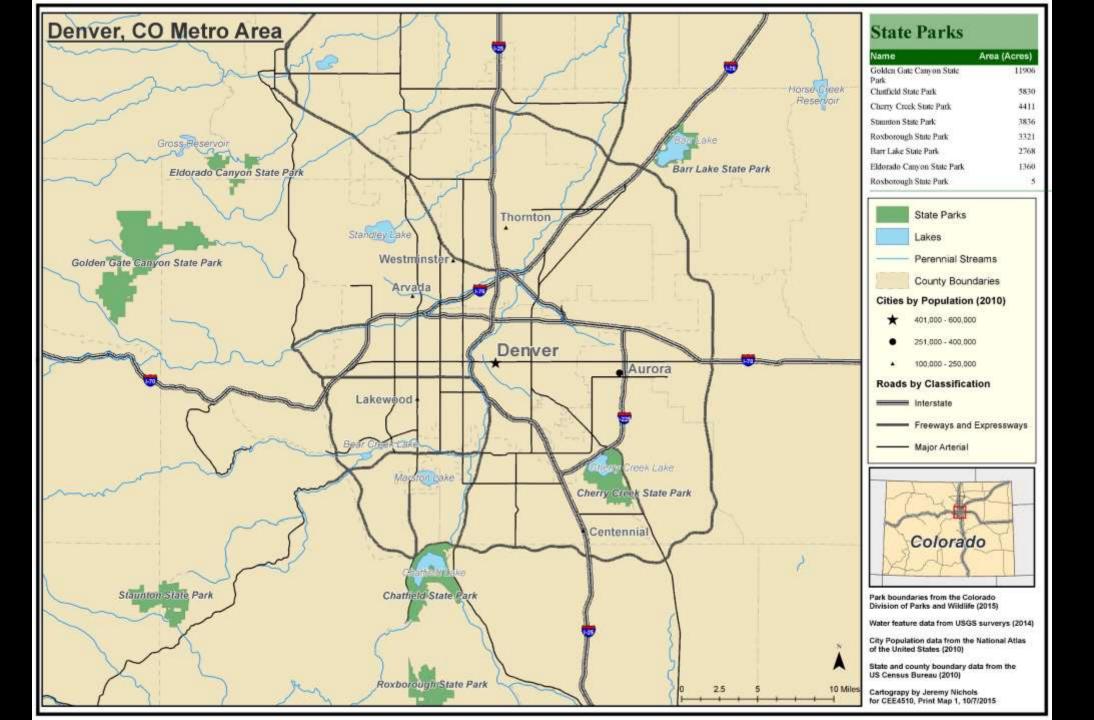


#### **Southeastern United States** North Carolina Tennessee Steenville gr Rock Hill-Daiton Huntsville. Anderson Lake Signeyes Columbia Lake Murray Lake Myrtle Beach of Logan Martin Lake Moultrie Calle Mississippi Macort Mitchell Lake Montgomery Reservoir Albany Douglas Wayerdss Waldesta Tallahassee Atlantic Ocean take City & St Johns St. Augustine o apalarhicgla Patatka Palm Coast Lake George The Southeastern portion of the United States Ocala e Daytona-Beach is known for many things besides its stretches of sandy costal beaches with frolicking kids and its mild, humid climate. It is known for its welcoming people and southern hospitality, the place where country music was born, fine cuisine, Latin influence, important shipping ports, swamps, and hurricanes just to name a few. It is home to Disney World, the Lane Very Beach o most visited theme park in the world, as well as the Great Smokey Mountains National Park. Steeped in Serasona history, Native American tribes such as the Cherokee lived off the land, and it was part of events that ultimately shaped the country such as the American Revolution and the American Civil War. Naples Fort Laude Capitals Urban Areas Population Density Map by Andrew Alford Sources Most Dense naturalearthdata.com. Dense Homestead usgs.gov, us-state-facts.com Rivers Less Dense 160 Miles



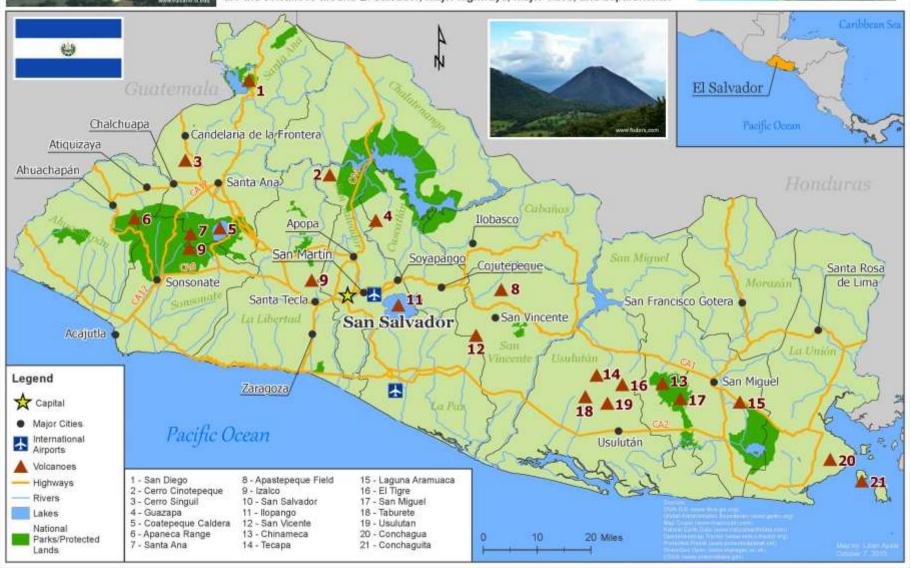


### El Salvador



Although it's near the size of Massachusetts, El Salvador contains many view points and cultural centers. El Salvador is made up of 14 departments. Within these departments, you'll find either a major city or scenic volcanoes. The 14 stratovolcanoes are major attractions for hikers. Coatepeque Caldera and Ilopango, are calderas formed after an eruption and now famously attract tourists for their picturesque landscapes. The volcanic fields, such as the Apastepeque Field, provided rich soils for coffee plantations. Though El Salvador has gone through a lot of violence in recent years even after the end of the civil war in 1992, there are still many features that attract tourists to El Salvador. Seen below are the volcanoes around El Salvador, major highways, major cities, and departments.





## Florida's Critical Wildlife Areas Impacted by Harmful Algal Blooms



### Legend

- ☆ Cities
- Critical Wildlife Areas
- Harmful Algal Bloom Events

- Major Rivers

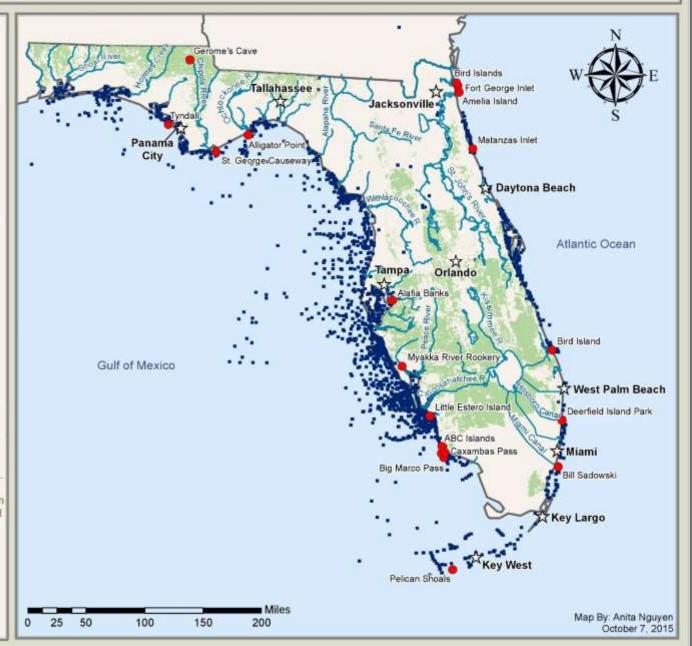
Farmland

State Boundaries

Harmful algal blooms (HABs) are defined as the proliferation of toxic algal species that negatively impact the health of wildlife and humans. Critical Wildlife Areas (CWA) inhabited by sensitive and endangered species are especially prone to the adverse effects of HABs. Observations of HAB outbreaks are being reported with increasing frequency along U.S. coastlines, causing growing concerns nationwide.

Studies have shown a strong correlation between excess nutrient runoff from agricultural areas and HABs incidents through their connecting drainage areas. The western coast of Florida in particular, which consists predominantly of farmland, continues to be a growing area of concern for its CWA's due to the area's frequent and large outbreaks of HABs.

Sources: MGIS Data USA State Boundaries; Florida Fish & Wildlife Conservation Commission; National Oceanic & Atmospheric Administration



Australia Roads, Sea Ports, and Airports

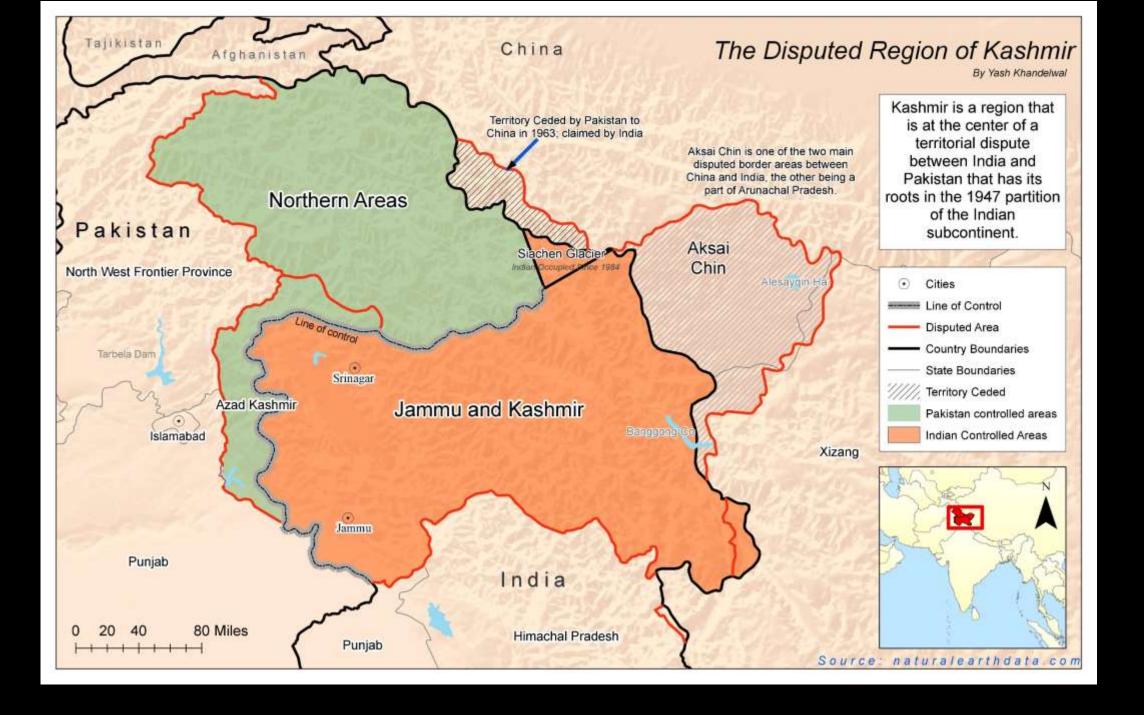






o 75150 300 Miles "The Land Down Under"

Source: http://www.naturalearthdata.com/downloads/



# Scenic Highways, Vista Points and National Parks in California



# The Height of the Roman Empire



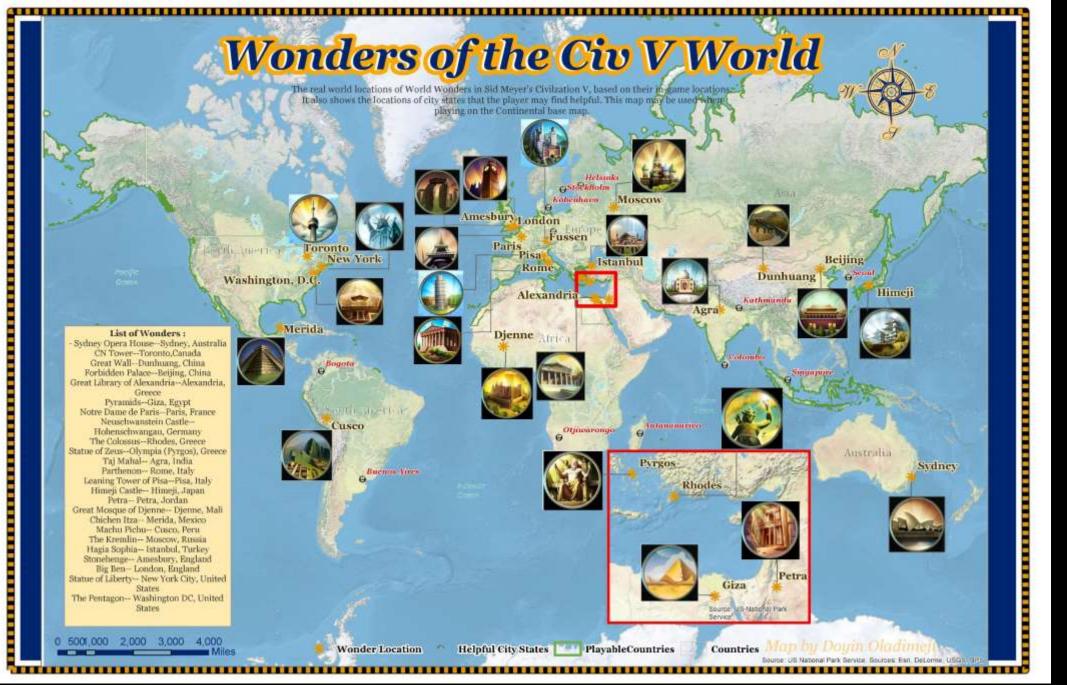
The Roman Empire reached the shown extent under Emperor Trajan in 117 AD, and maintained this area until approximately 350 AD

The Roman Empire was among the most powerful economic, cultural, political and military forces in the world of its time. It was the largest empire of the classical antiquity period, and one of the largest empires in world history. At its height under Trajan, it covered 5 million square kilometers and held sway over some 70 million people, at that time 21% of the world's entire population. The longevity and vast extent of the Empire ensured the lasting influence of Latin and Greek language, culture, religion, inventions, architecture, philosophy, law and forms of government on the Empire's descendants.

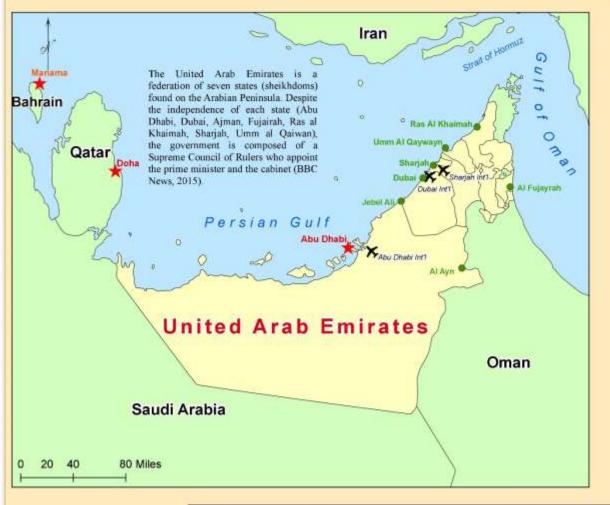
From Wikipedia:Roman Empire



Map by Anna Bignault Sources: thematicmapping.org, geonue.com, cartodb.com, DARMC



## The United Arab Emirates and its neighbouring territories







\* Capital City

Major Cities X Airports

UAE Provinces

Countries — Roads

Nicholas Mohammed Data Source: www.naturalearthdata.com

## YOSEMITE NATIONAL PARK



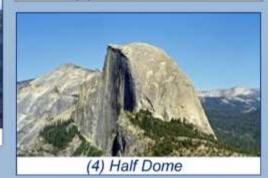




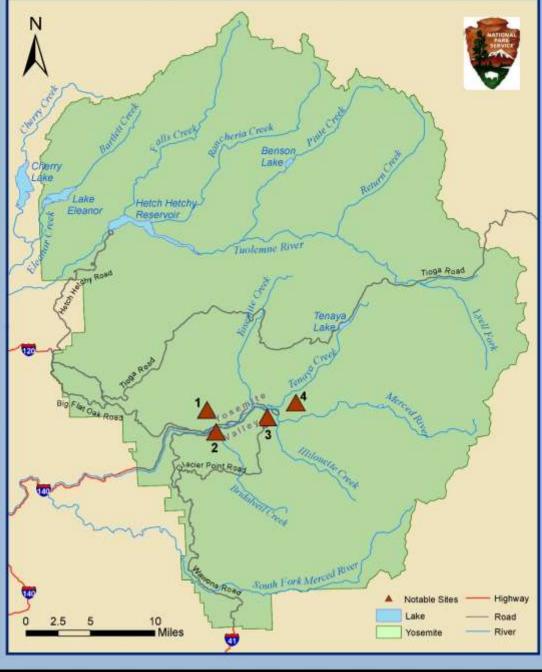
(3) Glacier Point

Yosemite National Park is located in the central eastern portion of the state of California. Yosemite was one of the first areas to come under protection of the federal government from development, paving the way for the future establishment of the national park system. Approximately 95% of the park is designated wilderness, with the majority of visitors spending their time in the Yosemite Valley. Formed by glaciers, the valley boasts gorgeous granite rock formations and waterfalls. The map to the right shows an overview of the entire park, including roads, rivers and lakes. Also noted on the map are four of the more notable sites in the Yosemite Valley, with pictures of each shown below for reference.

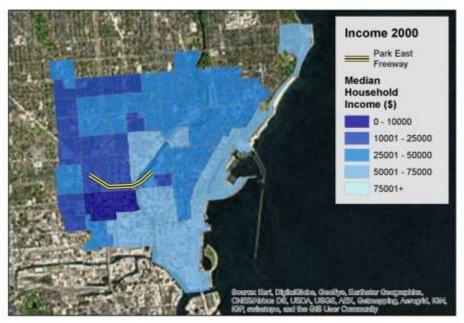


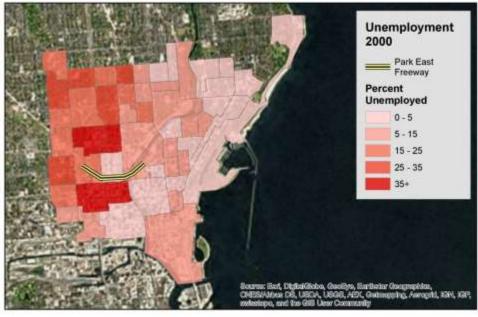


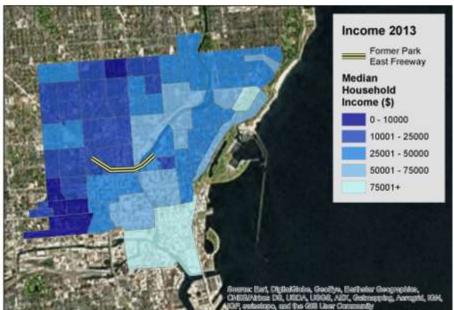


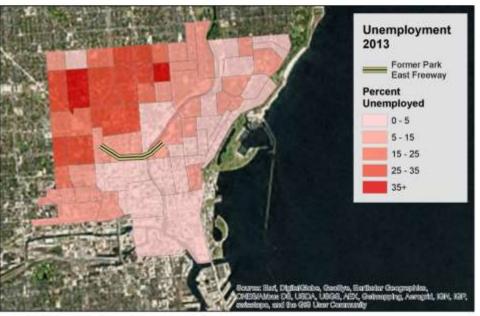


## Milwaukee Park East Freeway Removal









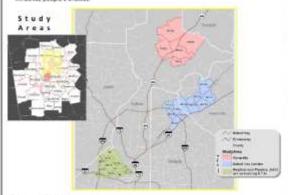
# Capturing Metro Atlanta's Food Environment: A Community Level Assessment of Three Disparate Areas

#### Vanhvilai Lisa Douangchai, CFM, GISP

#### Abstract:

Increasing concern about sustainability, food sourcing (local vs. distant), environmental equity, diabetes and obesity, and genetically modified foods are paralleled by an increased awareness of food deserts, areas that lack "accessible" food establishments that offer "affordable" healthy and nutritious food options. Open source data and tools can help community leaders and decision makers evaluate and develop plans and policies to help ensure accessibility to healthy food options for residents. The USDA's Your Food Environment Atlas provides county level information to help identify food deserts. However, a more detailed level of analysis will reveal an even clearer picture of the local food environment to help decision makers and community leaders make more impactful decisions to develop plans that directly affect local residents.

This poster illustrates the approach belief to examine the food environment of three disparate. cummunities in Metro Atlanta -- the City of Alpharetta, a portion of the Buford Hwy corridor, and NPU-S along with portions of its surrounding NPUs. Which community is most vulnerable to their lood environment? Although people's eating habits are a matter of choice and cultural taste, the food environment plays a significant role in the options that are available to Influence people's choices.



#### Methodology:

The Retail Food Environment Index developed by the California Center for Public Health. Advocacy and the Food Balance Score developed by Mari Gallagher Research and Consulting Group were applied to the three areas of interest to measure accessibility to healthy, nutritious food aptions. Point centroids were generated for residential parcels within the study areas and representative samples were acquired by running a random sample script. The random samples were used in the calculation of the food balance scores for each census tract. The results of the RFEI and food belance scores were analyzed in conjunction with existing infrastructure, demographic, and socioeconomic data in order to fully understand the local Road landscape. The data included race, ethnicity, school age children, the elderly population, income, poverty rate, vehicle accessibility, and transit locations.

> RFEI = # of fast food + # of convenience stores # of supermarkets + # of farmers markets

#### FOOD BALANCE THEORY

FOOD BALANCE SCORE	EXAMPLES
Extremely Higher than 1: twent flutions	Maintmann grucer is 2 miles away and fringe food verses is 3 mile away 2/1 = 2
Near 1: Clause to flatance	Mainstream groom is 1 mile away and fringe food verse is 1 mile away 1/1 = 1
Extremely Below I: Seek Cultivate	Mainstream green is 1 mile away and fringe hand wrose is 2 miles away. \$72 + 3

Source: I gave setual not from National Garbagher Reservab & Consulting Group, Good Food rang the wegat of housi Denot Los Pelols Houling Chaugo, 2006, Figure 13.

#### DETWITIONS

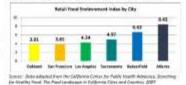
Micromorpoor: Not render establishment that units products that are exceeded for a wet tolan and diet on a continuous busis as well as unhaulity anotherty, participants processed books Fringe fond version recall move that does not set an accordment of products to allow compresses to most their duly accommended noticed reads

### Retail Locations - ReferenceUSA Summerized Food Establishments Depicted by Graduated Symbols Transportation and Land Use - Atlanta Regional Commission Demographics - US Cemus Bureau Land Use The Contraction Formers Markets and Q2-4 Staff Comme Asker of Committee Pa +3.

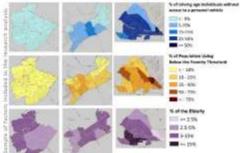




#### Comparison of Atlanta's RFEI Score with Five California Otton



### Distribution of Various Food Establishments within All Three Communities and Metro Atlanta Suppose industrial Preduce Vendors **Farmers Market** Foot Food Restaution WALL COMMERCE AND ADDRESS OF THE PERSONS ASSESSED.



# Exercises succeeded of the estadation of the food 341 - 11 m DISMAN TRACT TOUR SAMPLE SERVICE 215.00 Retail Food Environment Index Nominal strained speck service scales: Tietler in LCL and Suppressors APR

#### Conclusion:

- The RFEI and Food Balance Score are good indicators of determining the existence of an imbalanced food environment. However, additional data must be examined in conjunction with these indicators in order to get a more robust understanding of the factors that may influence people's eating habits.
- The USDA's Food Environment Acias is a good tool for analysis at the state, regional, and county level. However, sporning in further at the local level provides more insightful information about the local food landscape.
- Although the northern section of Alpharetta has a poor food balance score, factors such as the existing infrastructure, demographics, and socioeconomic characteristics must be
- NPU-G residents are most vulnerable to their food environment and may benefit from policies and incentives that attract businesses that self-fresh produce at "affordable" prices and that encourage targeted outreach programs.
- Other factors should be investigated and included in future research, such as local health, population of registered food assistance program participants, and results from a food basket survey and a physical activity survey.

#### Acknowledgements:

Thank you to Dr. Steven French for his generous assistance with this research and to Georgia Tech for providing access to private data.



### Maintaining an Urban/Rural Divide: Land Use Change Inside and Outside of Urban Growth Boundaries in Lancaster County, Pennsylvania Lancaster County Land Use Change, 2001 to 2006 Lancaster County Land Use Change 2001 to 2006 Land Use Change Regricultural to Developed - Low Agricultural to Developed - Med. to High Forest to Developed - Low Forest to Developed - Med. to High Grass to Developed - Low Legend Grass to Developed - Med. to High Water Wetland to Developed - Low Developed - Low Wetland to Developed - Med. to High Developed - Medium to High Developed - Low to Developed - Med. to High Forest. Grass/Shrub Unchanged Land Use Magricultural Wetland Grass/Shrub Author: Margaret Kent, December 2013 Developed - Low Agricultural Source: Multi-Resolution Land Characteristics Consertium, Non-Developed to Developed Change National Land Cover Database 2001, 2006: Developed - Medium to High | Wetland C Urban Growth Boundary Cancador County Planning Commission Forest ← Urban Growth Boundary Projection: Pennsylvania State Flane South, NAD 1983. Feet Author: Margaret Kent, December 2013 Source: MRLC National Land Cover Database 2001, 2006; Lancaster County Planning Commission Methodology Projection: Pennsylvania Statu Plane South, NAD 1983, Feet Most New Development Has Occurred Inside the Urban Growth Boundaries Land Use Change Inside VS. Outside Urban Growth Boundary 2001 - 2006 -0.08 0.03 -1.5Developed-Medium to High Land Use in Lancaster County, PA By: Margaret Kent