


ENVIR 202: Lesson No. 16



Transportation and Sprawl II

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Transportation I

<p>❖ Went from:</p> <ul style="list-style-type: none">➢ Most people living in cities➢ Transportation by foot or horse➢ High density, compact cities➢ Cities viewed as unhealthy	<p>❖ Went to:</p> <ul style="list-style-type: none">➢ Most people living in urban areas➢ Transportation by automobile➢ Low density suburbs➢ Suburbs increasingly viewed as unhealthy
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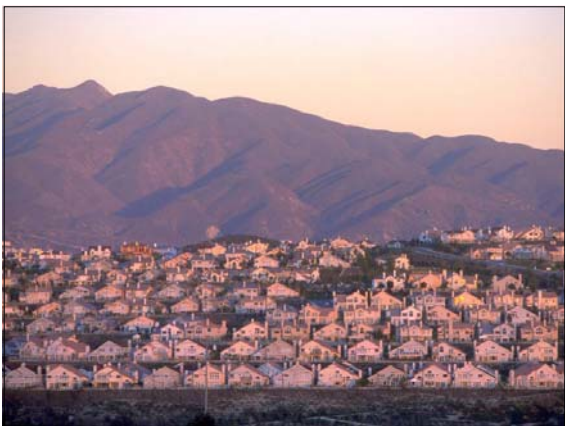
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Cities in Early History



- ❖ Dense settlement
- ❖ Clear distinction between city and country
- ❖ Mixture of functions
- ❖ Short distance from home to work
- ❖ Most fashionable addresses at the center










Urban Sprawl

- ❖ Urban
 - Loss of community integrity
 - Proximity to traffic
 - Noise, air pollution, public safety
- ❖ Suburban
 - Auto dependence
 - Commuting stress
 - Not pedestrian oriented; related to obesity

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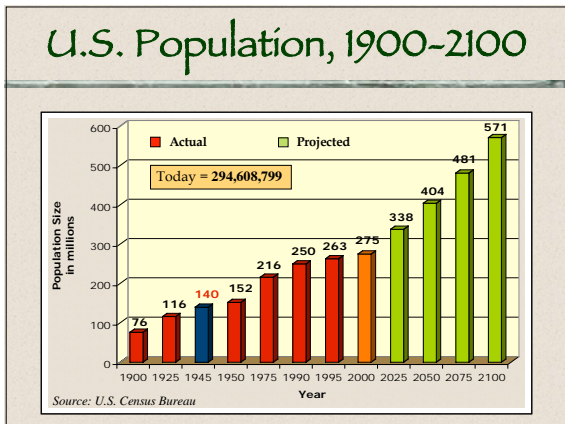
Urban Sprawl

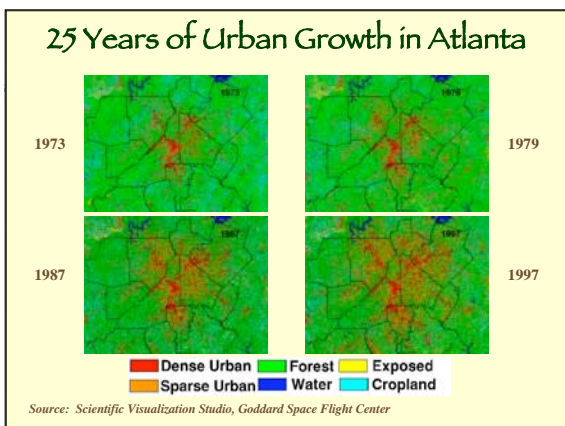
- ❖ How did we get here?



Courtesy Sierra Club

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Charlatingham: Welcome to the big city

By Heather Turman
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Charlatingham — Over the past 40 years, specific towns have gained areas, 400 miles high, capturing the nation's eighth spot.

As the 1970s drew to a close, Atlanta was a hot spot for the South. Atlanta, the nation's 40th largest city, had a population of 400,000. It was a city of a million people, with Atlanta at its core.

During that time, metro Atlanta has grown from 1.5 million people living in the region to 4.5 million today. In 2000, it pulled out of the 40th spot and moved into the 30th spot. Atlanta, Ga., is now the 30th largest city in the nation, with a population of 4.5 million.

Atlanta is the hub of what has been called the Piedmont megalopolis, stretching along I-20, I-75 and I-85 from Birmingham to Greenville, S.C., Charlotte and even Raleigh to Miami. This shows how the areas are growing together as people move to areas along the interstate. A look at those metropolitan statistical areas and their populations:

PIEDMONT MEGALOPOLIS
Atlanta is the hub of what has been called the Piedmont megalopolis, stretching along I-20, I-75 and I-85 from Birmingham to Greenville, S.C., Charlotte and even Raleigh to Miami. This shows how the areas are growing together as people move to areas along the interstate. A look at those metropolitan statistical areas and their populations:

Chattanooga
Atlanta
Greenville-Anderson
Columbus-Whitney
Spartanburg
Charlotte
Raleigh-Durham
Columbia, S.C.
Spartanburg
Spartanburg

POPULATION DENSITY
Less than 100 people per square mile
More than 100 people per square mile

Source: Analysis of U.S. Census Bureau data by DAVID A. MILLER and PHILLIPS SEPPONEN, Staff

CHUCKLEBURN, Staff

Atlanta Journal-Constitution, April 15, 2001

Enter the Automobile

- ❖ “Taken for a Ride”
 - A video that depicts the deliberate take over and destruction of urban mass transit systems.

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Questions

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Next Lesson



Urban Sprawl
and Health

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