

# Regional Evacuation Studies



## Implications for Growth Management and Comprehensive Planning

Julie A. Dennis

Division of Community Planning

August 26, 2010





# Comprehensive Planning and Growth Management Implications

The Regional Evacuation Study Identifies:

1. Coastal High Hazard Area
2. Hurricane Vulnerability Zone
3. Evacuation Clearance Times
4. Shelter Capacity



# Legislative Background

Coastal High Hazard Study Committee – Final Report  
February 1, 2006

Chapter 2006-68, Laws of Florida:

- Established a new CHHA definition in s 163.3178(2)(h), F.S:

*The coastal high-hazard area is the area below the elevation of the category 1 storm surge line as established by a Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model.*



# Legislative Background

- Gave the following direction for Regional Evacuation Studies in s. 163.3178(2)(d), F.S.:

*Division of Emergency Management shall manage the update of the regional hurricane evacuation studies, ensure such studies are done in a consistent manner, and ensure that the methodology used for modeling storm surge is that used by the National Hurricane Center.*



# Legislative Background

- The Act also created s. 163.3178 (9), F.S., to allow Comprehensive Plan amendments that increase residential density in the CHHA should certain evacuation times be achieved:
  - Adopted LOS of out-of-county evacuation is maintained for category 5 storm;
  - A 12-hour evacuation time is maintained for category 5 storm event; or
  - Mitigation provided to satisfy standards above.
  - If there is not an adopted LOS standard the LOS shall be no greater than 16 hours for category 5 storm



# Release of Study

Regional Evacuation Study becomes effective upon approval and release by the Florida Division of Emergency Management

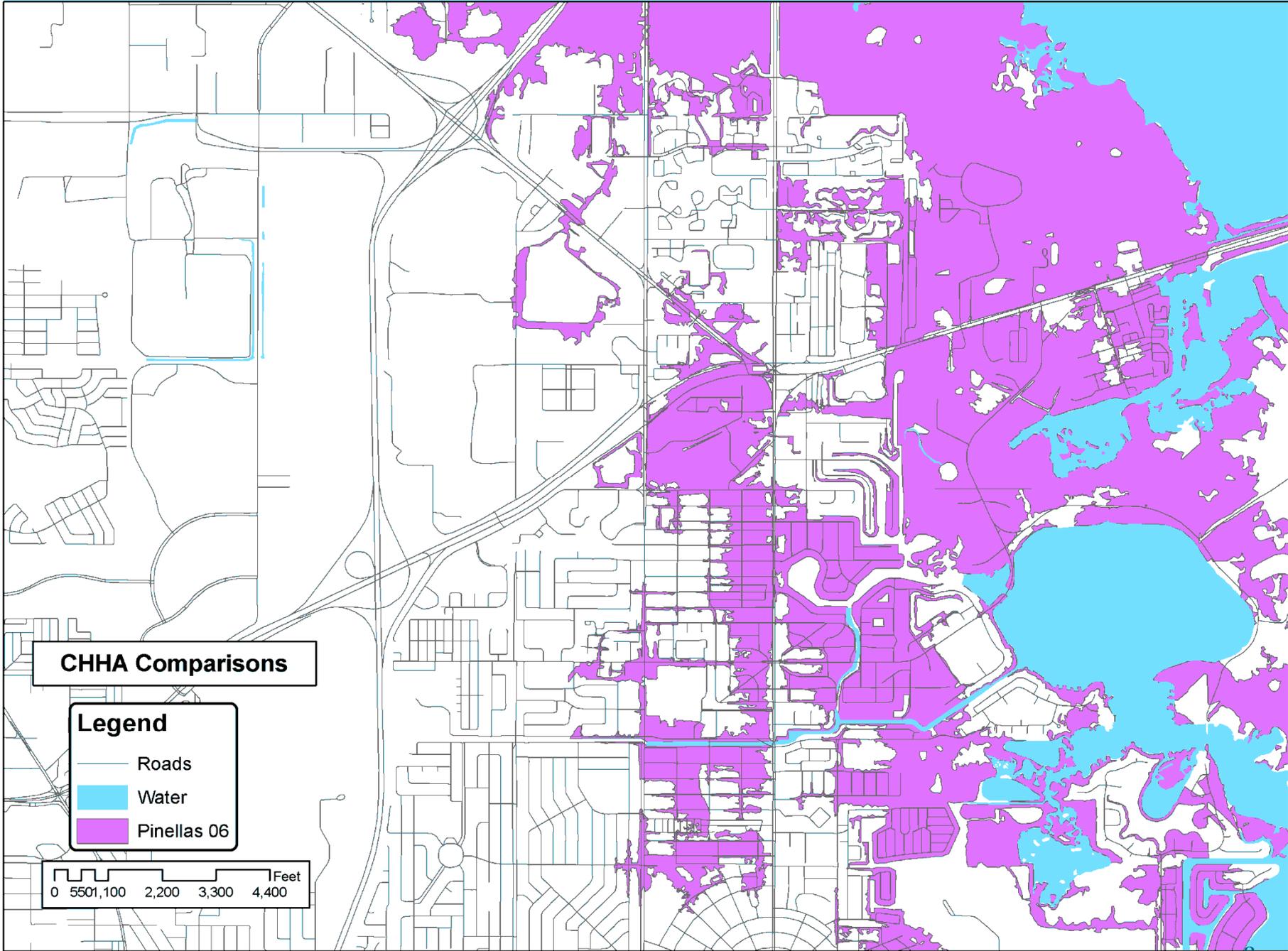
Upon release by DEM, the Study will be best available data and professionally acceptable analysis for the purposes of Growth Management

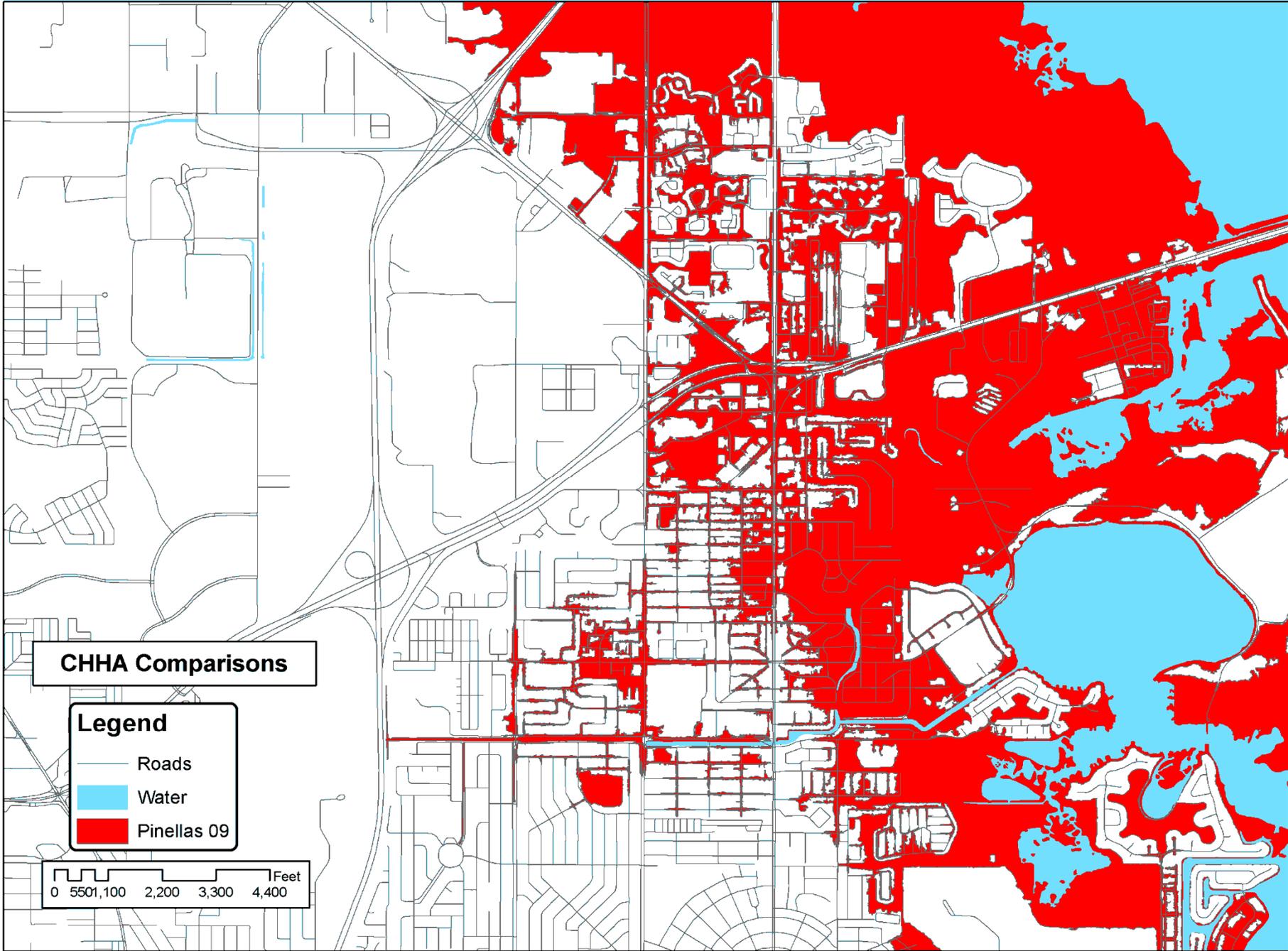


# Implementation

Section 163.3178(9)(c), F.S.: No later than July 1, 2008, Local Governments shall amend comprehensive plans to include new definition of CHHA

For local governments not achieving compliance by due date the Department is raising the issue during the first directly related Comprehensive Plan amendment or major Plan update based on Evaluation and Appraisal Report







# Policy Responsibilities for the CHHA

Limit public expenditure that subsidize development

Direct population concentrations away

Limit development within

Maintain or reduce hurricane evacuation clearance times

Rule 9J-5.012(3)(b)5., 6., and 7., F.A.C.; and  
Rule 9J-5.016(3)(b)2., F.A.C.



# Related Legal Proceeding

Tierra Verde Community Association, Inc., and others  
v. City of St. Petersburg

- Recommended Final Order Issued by Division of Administrative Hearings, available on DOAH Website
- Findings of Fact concerning Hurricane Vulnerability Zone and Evacuation Clearance Times

Other Case: Final Order Jacksonville Moody Shipyard

# Developments of Regional Impact and Shelter Capacity

DRIs have a substantial regional impact on public hurricane shelter space availability if:

- Anticipated impact will require 200+ spaces in an area with an existing shelter deficit.
- The development would move the county into a deficit situation of 200+ spaces.
- Located in a Hurricane Vulnerability Zone and would utilize 25%+ of a hurricane route's capacity.
- Therefore, impacts must be through mitigation.

Rule 9J-2.0256(4), F.A.C.



Thank You