CHARM

Biloxi NAI Workshop
September 08, 2016
Community Health And Resource Management
Live Mapping Feedback

**Painted Jobs to Households**

**Houses by Storm Inundation Area**

- Total Painted Population:
  - 20035 New Households
  - 413,671 people

**Ecologic Priority Land Impacted by Paints**

**Population by Transit Potential**

- Car Dependent: 26%
- Transit Friendly: 41%
- Transit Oriented: 33%

**Prime Farmland**

- 35% New Built
- 65% Vacant
CHARM Supports Collaborative Planning & Public Participation

Hazard Mitigation
Comprehensive Planning
Zoning & Policies
Land Use Planning
Community Visioning
Conservation
Today’s CHARM Scenario Goals

Build at least 3 hypothetical developments, using at least 3 different paints.

Your Target: Double the Population

Hypothetical Time Frame: 20 Years
Today’s CHARM Exercise

1. Explore Data & Maps

2. Build Development

3. Debrief & Share Your Table’s Scenario
2.5-Acre Grid
The CHARM Grid

1. Road Surface (ac)
2. High Intensity Dev. (ac)
3. Medium Intensity Dev. (ac)
4. Low Intensity Dev. (ac)
5. Open Space Dev. (ac)
6. Open Space (ac)
7. Open Space Wooded (ac)
8. Open Water (ac)
9. Estuarine Wetland (ac)
10. Freshwater Wetlands (ac)
11. Beach- Unconsolidated Shore (ac)
12. Effective Runoff (coeff.)
13. Prime Farm Soil (ac)
14-17. Habitats & Ecosystems (ac)
18. Local Roads (ft.)
19. State Highways (ft.)
20. Federal Highways (ft.)
21. Access Routes (ft.)
21. Elevation (ft.)
22. Local Route Intersection Count
23. Dwelling Units
24. Population
Use your local knowledge and over a dozen maps

City Boundaries & Roads
Critical Facilities
Elevation
Flood Risk Maps
Land Cover
Wetlands & Habitats
Soils
Storm Surge
Watersheds
TOWN CENTER MIXED USE

LAND USE

HOMES PER ACRE

BUILDING STORIES

IMPERVIOUS COVER

INDOOR V. OUTDOOR WATER USE

SEWAGE

Residential (Res.)
Retail (Ret.)
Business (Bus.)

30

1-3

85%

88 gallons/HH
6 gpcpd

Centralized Treatment

Walking Friendly
Transit Friendly
Smart Growth
LOW-RISE RESIDENTIAL
ACRE LOT SUBDIVISIONS

LAND USE
- Residential (Res.)
- Retail (Ret.)
- Business (Bus.)

HOMES PER ACRE
1

BUILDING STORIES
1-2

IMPERVIOUS COVER
25%

INDOOR VS. OUTDOOR WATER USE
- 120 gallons/HH
- 957 gpcpd

SEWAGE
- Centralized Treatment
Plan Using Guiding Principles