

Chatham County's Current and Future “Win-Win” Strategies

**Chatham County Roadmap to Adapting to
Coastal Risks Workshop
Savannah Civic Center
Savannah, Ga
March 9-11, 2010**



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Local Government Efforts

- Smart Growth Principles
 - Mix land uses
 - Create walkable neighborhoods
 - Preserve open space, farmland, natural beauty, and critical environmental areas
 - Provide a variety of transportation choices



- Green Infrastructure Planning & Implementation
- Updating Stormwater Ordinances
- Coastal Stormwater Supplement
- Tricentennial Plan
- Flood Mitigation Plan
- Pre-Disaster Hazard Mitigation Plan



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Local Government Efforts

- Unified Zoning Ordinance Update
 - Buffer protection for marshes and wetlands
 - Greenspace
 - Protected river corridors
 - Increase in percentage of pervious materials throughout county
- Chatham Environmental Forum's Roadmap to Becoming the Greenest County in the State
- Resource Protection Commission
 - Land conservation initiative



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Beach Renourishment/Bank Stabilization



Recycled oyster shells in the tidal banks at Horse Pen Creek in the back river area provide a matrix for new oysters to attach, and the oysters then will be able to filter out remaining particulates and pollution that runoff catchments miss. Assist in improving water quality while also increasing the coastal area's oyster population.

Vital Functions:

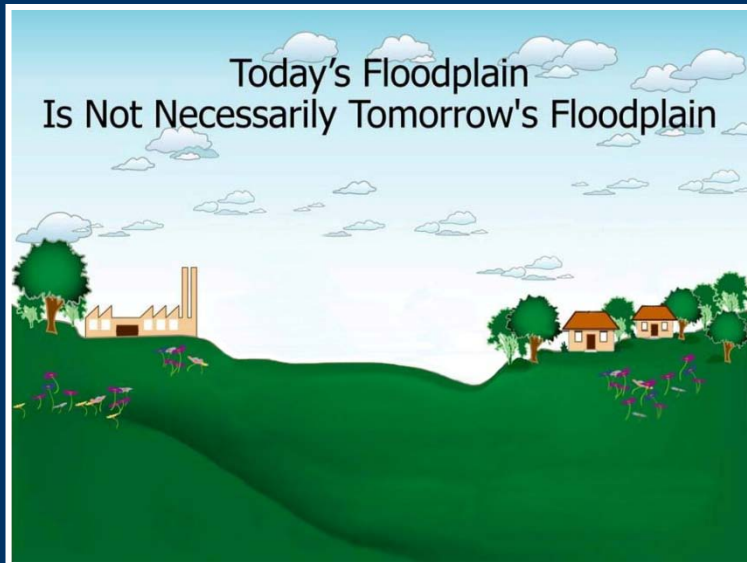
- Erosion Control/ Bank Stabilization
- Water / Pollution Filtration
- Food Production
- Spawning and Breeding Habitat



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No Adverse Impact (NAI)

- The “Do No Harm” Principle
- A new approach to dealing with the interaction of human beings & the coastal environment that takes into account all aspects of both developed and natural systems.



NAI strategies help to :

- Save money,
- Decrease litigation,
- Reduce conflicts with property owners,
- Reduce damage to public and private property and loss of life,
- Lower flood insurance rates,
- Increase a community's capacity to bounce back after a storm,
- Clarify a community's land-use objectives,
- Preserve quality of life



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Community Rating System (CRS)

- Voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements.
- As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS:
 - Reduce flood losses;
 - Facilitate accurate insurance rating; and
 - Promote the awareness of flood insurance



Community Rating System (CRS)

Credit Points	Class	Premium Reduction SFHA*	Premium Reduction Non-SFHA**
4,500+	1	45%	10%
4,000 – 4,499	2	40%	10%
3,500 – 3,999	3	35%	10%
3,000 – 3,499	4	30%	10%
2,500 – 2,999	5	25%	10%
2,000 – 2,499	6	20%	10%
1,500 – 1,999	7	15%	5%
1,000 – 1,499	8	10%	5%

