

# Maybe It's time to Change the Process...Again

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# **Which process are we changing?**

Those processes that ensure that Sufficient Quality & Quantity of Sand is Available to Optimize the Value of Our Shores & Beaches in a Timely Manner.



# What is Sufficient Quality & Quantity?

- Quality – can be determined long before need arises; expand regional (ROSS) D/B; State and Federal concurrence



- Quantity – can be determined on gross scale in advance; optimal configuration dune/berm/profile to DoC

# How Do We Determine Optimal Value of Shore & Beach?

- Real property value
- Recreational value  
(credit to Dr Jim Houston)
- Environmental value
- **Cost  $\neq$  Value**



# How Do We Determine Optimal Value of Shore & Beach?

## Real Property Value

- \$ Value w/i “X” Range of Cat “Y” Storm and/ or within ½ mile of CCCL
- Theoretically Market Driven
- Accounts for Social, Cultural, Historical Contributory Value
- Effort to Compare “apples” to “apples”



# How Do We Determine Optimal Value of Shore & Beach?

## Recreational Value

“In the same way we look at our national parks as a national treasure, we should look at our beaches as a national treasure” - Congressmen Frank Pallone Jr, New Jersey



Coastal states receive 85% of all tourist-related revenues in the U.S.

(World Almanac, 2007)

# How Do We Determine Optimal Value of Shore & Beach?

## Recreational Value

Beach tourists contribute \$260 billion to the United States economy – this exceeds the economies of over 150 countries



**The United States  
receives \$320 in taxes  
from beach tourists for  
every \$1 it spends on  
beach nourishment**

# How Do We Determine Optimal Value of Shore & Beach?

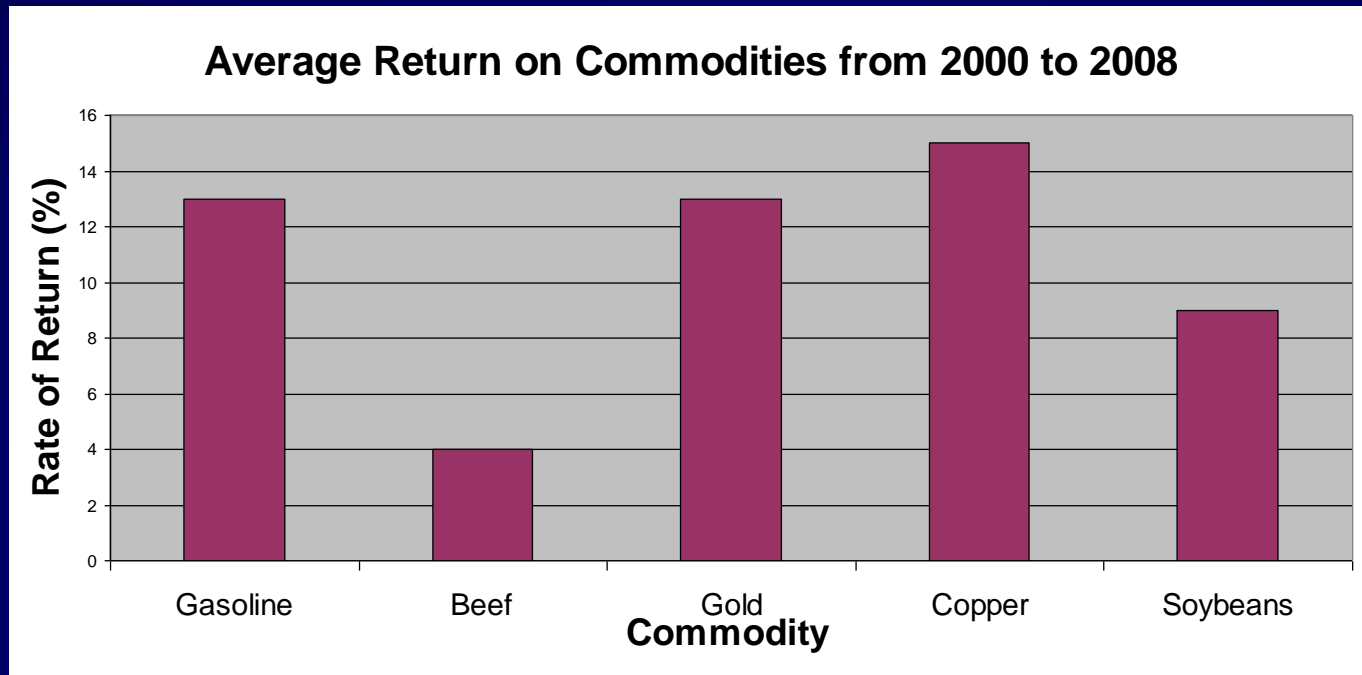
## Environmental Value

- Support characterization of optimal habitats w/ optimal profile
- Complimentary to real property and recreational value, not contrary
- Focus on “what added value is there if we do this right?”; not “what happens if we do this wrong?”



# Sand As A Precious Commodity

- We don't treat sand like a precious commodity
- ROI for sand is 320:1
- Expected ROI for:
  - Gold
  - Oil/ Gas
  - Soybeans



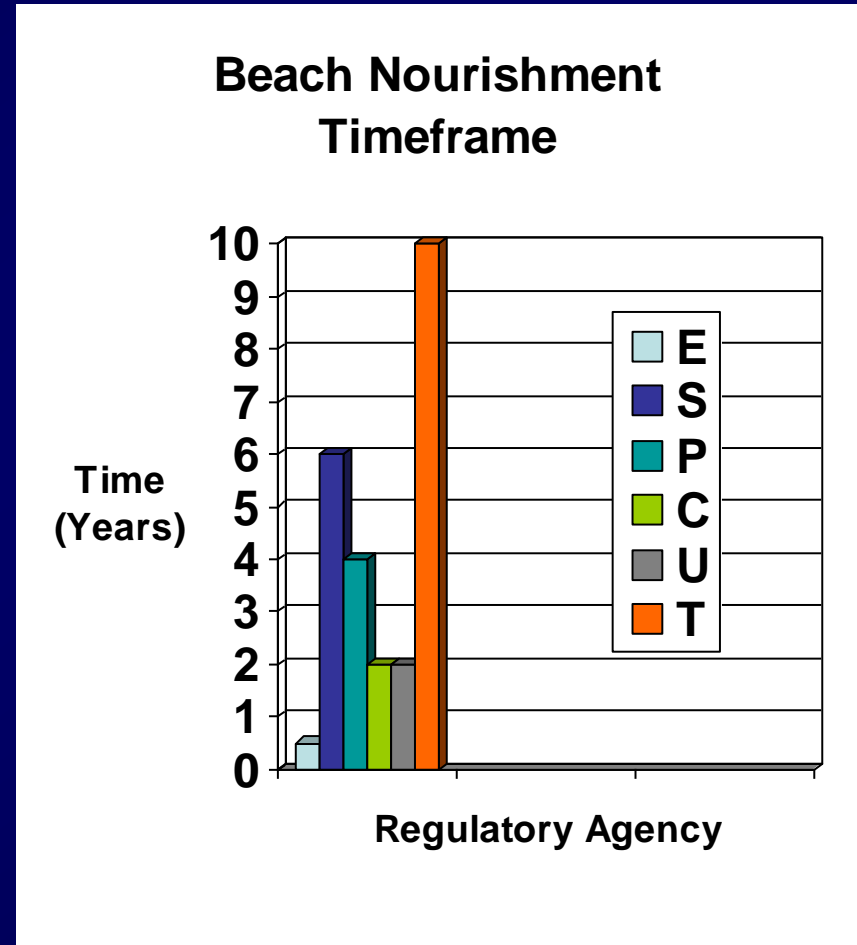
# Sand As A Precious Commodity

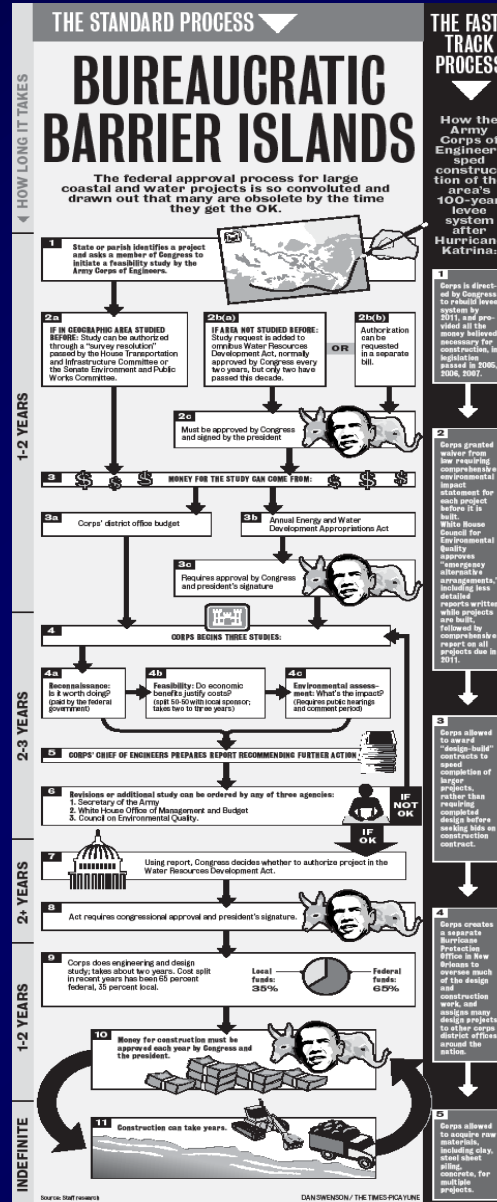


- We don't treat sand like a precious commodity
- If we did – we'd have a strategic reserve managed by federal and state authority similar to oil and electricity
- Maybe we need to invite XOM/BP/RDS/CHEV-TEX and PGN/FPL/DUK/D/AEP to join ASBPA and invest in sand

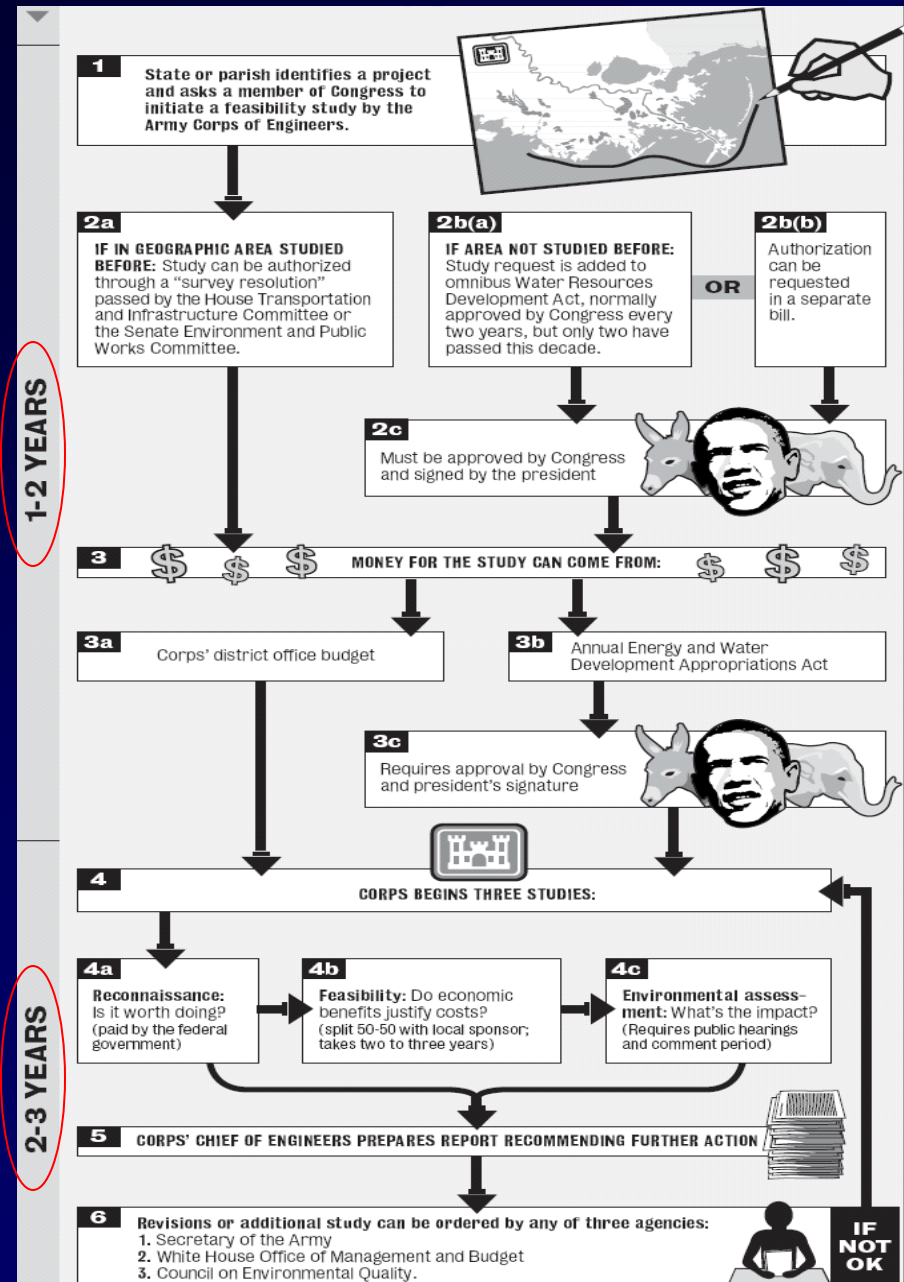
# ***What Is a Timely Manner?***

- Typical timeframe: 6-10 years
- Emergency authorization: 0.5-2 yrs
- Some popular time horizons
  - 6 yrs: Senatorial term
  - 4 yrs: Presidential and Gubernatorial terms
  - 2 yrs: Congressional term
  - 2-3 yrs: USACE District CDR tenure
- So consensus is to shoot for 3-4 yrs to hold leaders accountable





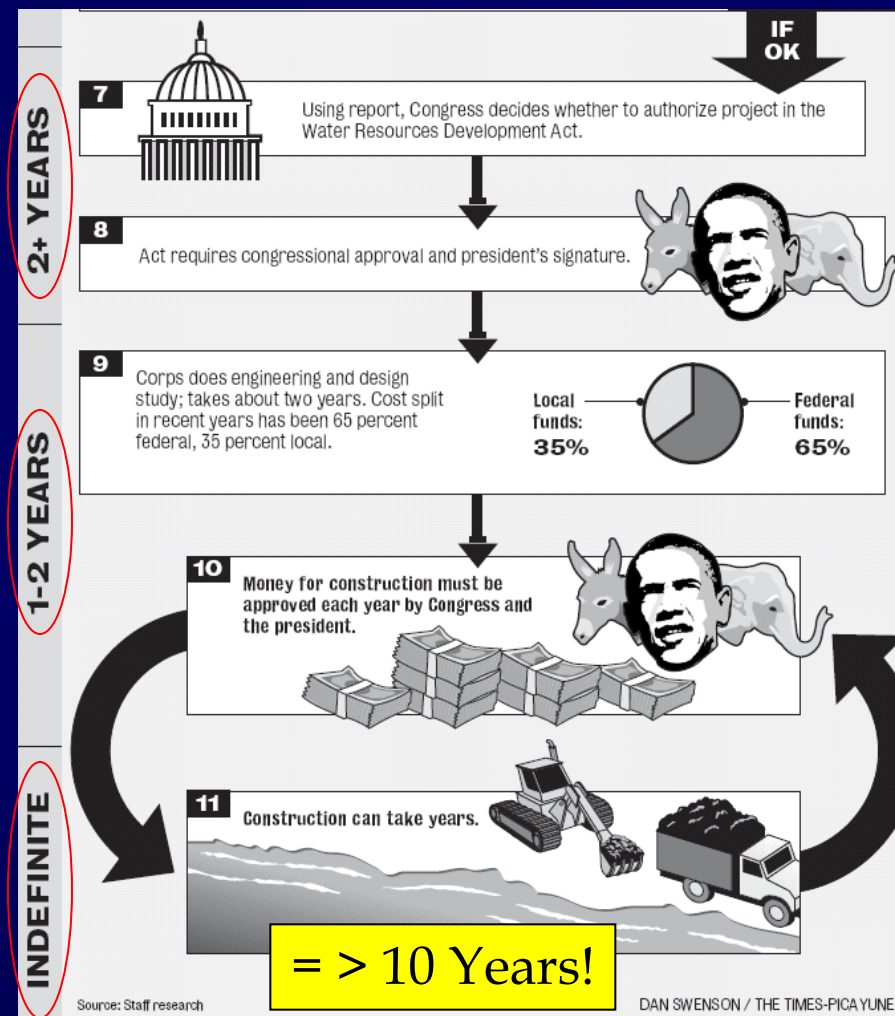
Source: Dan Swenson, The Times-Picayune



1-2 YEARS

2-3 YEARS

## The Standard Process



2+ YEARS

1-2 YEARS

INDEFINITE

# The Fast Track Process

“How the CoE sped construction of the area’s  
100-yr levee system after Katrina”

-Dan Swenson, The Times-Picayune

2005

**1**

Corps is directed by Congress to rebuild levee system by 2011, and provided all the money believed necessary for construction, in legislation passed in 2005, 2006, 2007.

**2**

Corps granted waiver from law requiring comprehensive environmental impact statement for each project before it is built.

**3**

Corps allowed to award “design-build” contracts to speed completion of larger projects, rather than requiring completed design before seeking bids on construction contract.

**4**

Corps creates a separate Hurricane Protection Office in New Orleans to oversee much of the design and construction work, and assigns many design projects to other corps district offices around the nation.

**5**

Corps allowed to acquire raw materials, including clay, steel sheet piling, concrete, for multiple projects.

2011



# What Do We Need to Do?

- We need a S&B Czar

A new interagency working group being created by President Obama to tackle coastal restoration planning in Louisiana and Mississippi is likely to be led by either the White House Council on Environmental Quality or the National Oceanic and Atmospheric Administration, not the Army Corps of Engineers.

- The Times-Picayune, Tuesday  
August 25, 2009, 9:41 PM

- We need a champion – not the CoE. It's got to be a Senior elected official - like Healthcare
- Tap FEMA \$ now to properly plan and cost avoid at a fraction of the cost to repair, reconstruct, rehabilitate



In all, Congress gave the Corps \$14.3 billion after Hurricane Katrina to build a better flood protection system for the New Orleans region; Estimates for complete restoration are upwards of \$101 Billion

# What Do We Need to Do?

- Stockpile Sand Regionally
  - In general, we know req'ts from existing authorizations
  - In general, we know the type/quality of sand used regionally
  - Makes local and national firms (read: political interests) work together, not argue
  - Projects stand on merit, not parochialism



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# ***What Do We Need to Do?***

- Insist on Regional Comprehensive Plans
  - Regional Planning Councils
  - DCA compliance
  - USACE Dist/Div
- React vs Plan
- Combine Local Adaption with National Policy



# What Do We Need to Do?

## Broaden Our Reach – Voice – Influence

- Links to:
  - COPRI
  - NOAA
  - Others
- Joint meetings and conferences
- Need FSBPA/ ASBPA Representation
- Outreach Campaign to Local Stakeholders
  - Engineer societies
  - Planning societies
  - Environmental societies



You've Listened to Me...

...Now It's Time for Me to Listen to You!



Thank You!!