

PLANNING AND POLICYMAKING FOR COASTAL RESILIENCE: THE COUNTY PERSPECTIVE

Jen Horton
Program Manager
National Association of Counties
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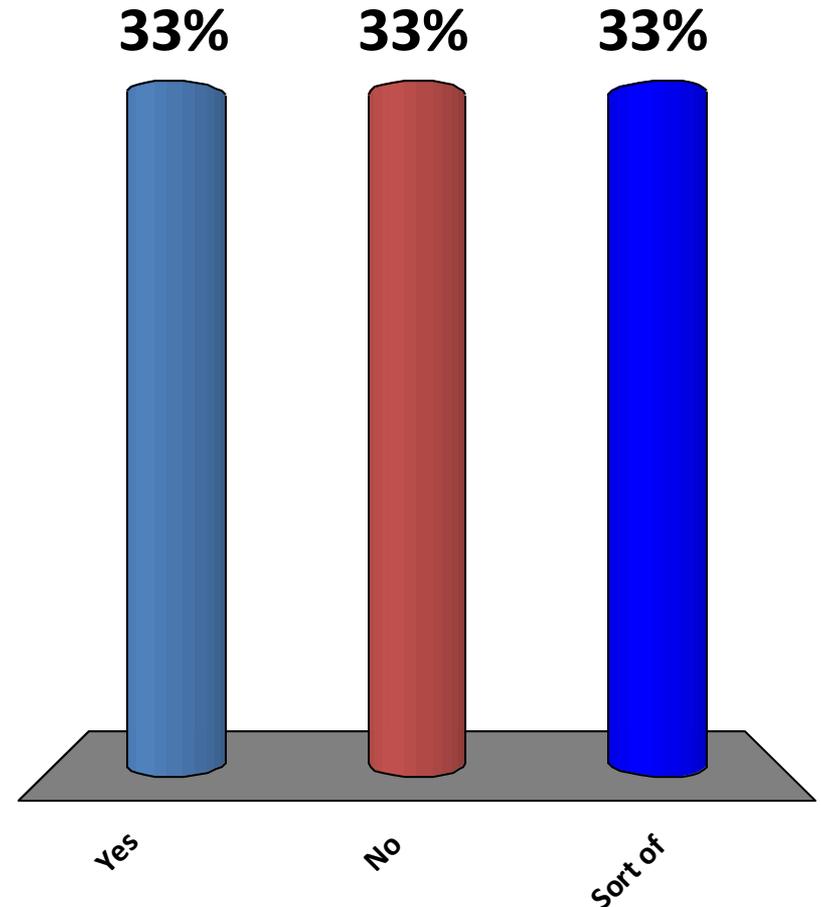


About NACo.

- Represent 3,069 counties
- Provide advocacy, research, training, peer networks
- **Focus areas:**
 - Health Care
 - Justice
 - **Community and Economic Development**
 - Resilient Counties
 - Coastal Counties

Before this presentation, had you ever heard of the National Association of Counties (NACo)?

- A. Yes
- B. No
- C. Sort of



WHY COUNTIES MATTER!



TRANSPORTATION & INFRASTRUCTURE

Transportation and infrastructure are critical components that support the economies of our counties and improve the standard of living for all Americans, by providing efficient transportation and transit options such as buses, trains, light rail and a bike share system. Counties are the driving force connecting communities. Counties excel at building the schools where students learn the lessons that bear and provide care to the community and the jobs that insure and rehabilitate workers, from cleaning up storm debris and restoring safety to the community to clearing the water we drink by removing harmful pollutants, plants and pumping stations, counties provide the basic services that all other take for granted.

Services include:

- Traffic
- Roads
- Bridges
- Highways
- Construction of public facilities
- Water and sewage systems
- Solid waste management
- Utilities (gas, oil, electricity)

COUNTIES ARE INVOLVED IN THE OPERATION OF **30%** of public airports

COUNTIES OWN **228,238** bridges

COUNTIES OWN AND MAINTAIN **45%** of America's roads

COUNTIES ARE INVOLVED IN **27%** of public transit systems

COUNTIES INVEST **\$106.3 BILLION** IN BUILDING INFRASTRUCTURE AND MAINTAINING AND OPERATING PUBLIC WORKS ANNUALLY

COUNTIES INVEST **\$18.6 BILLION** IN SEWER AND SOLID WASTE MANAGEMENT ANNUALLY

COUNTIES INVEST **\$52.2 BILLION** IN CONSTRUCTION OF PUBLIC FACILITIES ANNUALLY

COUNTIES SUPPORT **960** HOSPITALS WITH A TOTAL OF **96,228** BEDS THAT SERVE MORE THAN **14 MILLION** PATIENT DAYS

COUNTIES ARE INVOLVED IN PROMOTING PUBLIC HEALTH THROUGH MORE THAN **1,550** LOCAL HEALTH DEPARTMENTS

HEALTHCARE

Counties create support systems to keep you healthy from the time you are born until the time you grow old. Many counties operate hospitals and health facilities that provide clinical services, surgical and cardiac care, and emergency and trauma care. County nursing homes offer extensive care and rehabilitation, and provide quality of life and wellness to the elderly, from preventative measures like administering the shots to educating the public with health information, county health departments ensure the everyday health of their residents.

Services include:

- Hospitals
- Nursing homes
- Behavioral and mental healthcare
- Immunizations
- Testing services
- Indigent healthcare
- Health care inspectors
- Health clinics
- Public health

COUNTIES INVEST **\$69.7 BILLION** FOR COMMUNITY HEALTH AND HOSPITALS ANNUALLY

COUNTIES OWN **676** NURSING HOMES, WHICH REPRESENT **76%** OF THE PUBLICLY OWNED NURSING HOMES

COUNTY MANAGEMENT

Counties provide vital services to all Americans from issuing birth certificates and marriage licenses to operating 911 call centers. Counties offer food and nutrition, the parks, swimming pools, community centers and cultural centers where you spend time with family and friends. Counties are responsible for local human services, administrative services, delivery essential utility, health and disaster services.

COUNTIES INVEST **\$70.2 BILLION** TOTAL IN JUSTICE AND PUBLIC SAFETY SERVICES ANNUALLY, OF WHICH...

Working with Coastal Counties.

- Provide resource support to counties in adopting innovative management approaches.
- Highlight best practices for coastal resiliency related to:
 - Infrastructure improvements
 - Environmental restoration
 - Long-term planning efforts

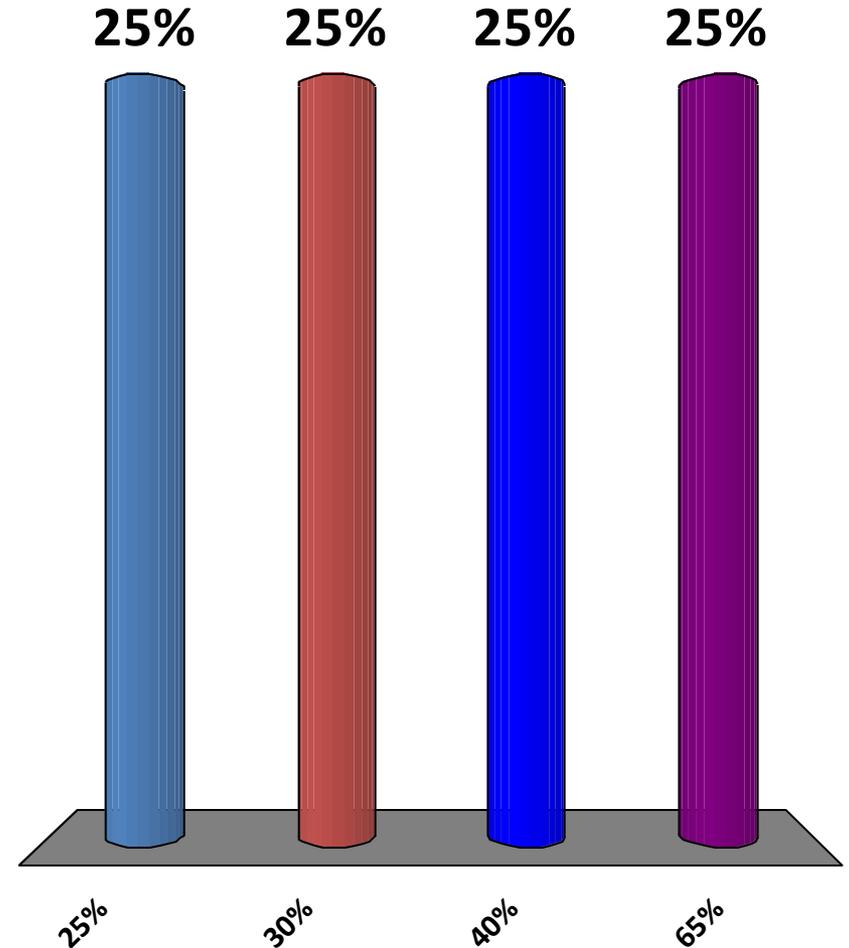
What percentage of Americans live in coastal counties?

A. 25%

B. 30%

✓ C. 40%

D. 65%



Coastal Communities.

- Home to nearly **40%** of Americans
- Over half of Americans live within **50 miles** of the coast
- Population grew faster than national average over last **40 years**
- Contribute more than **55%** to the U.S. GDP

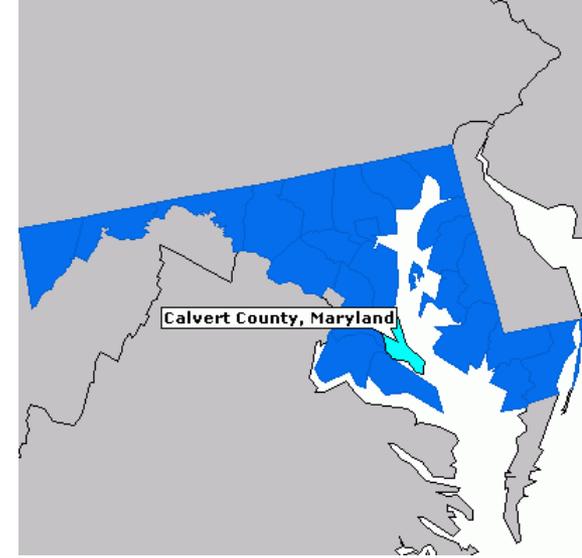


Source: NOAA
<http://oceanservice.noaa.gov/facts/population.html>

source: <http://soundwaves.usgs.gov/2008/03/WetlandLG.jpg>

Calvert County, Md.

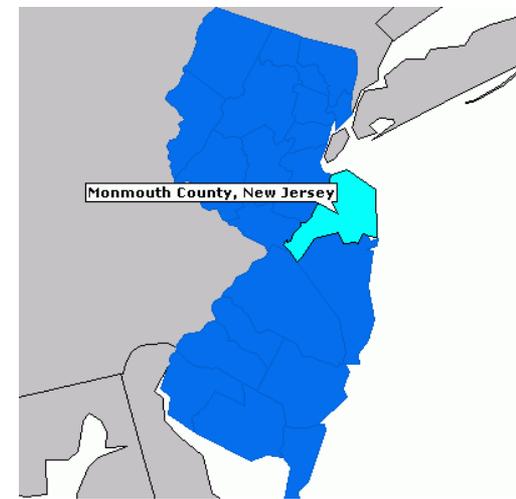
- Regional sea level rise – **3 to 4 times faster** than the average global sea rise rate
- Pilot project to enhance outreach and communication about hazard impacts and resource availability
 - Sea level rise trainings
 - Sharing Army Corps of Engineers' info
 - Online and interactive shoreline development tool for property owners



- Housing elevation project for most flood-prone areas
- Becoming more educated about changes to flood insurance due to Biggert-Waters Flood Act

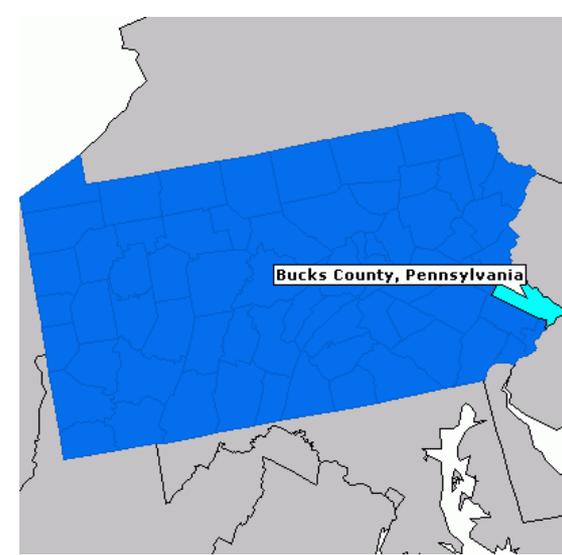
Monmouth County, NJ

- Lack of municipality capacity to implement **NFIP Community Rating System (CRS)**
- March 2014 – Monmouth County created the **CRS Assistance Program**
 - Provide technical assistance – mapping services
 - Lower insurance costs
 - Facilitate a regional forum
 - Created participation guidelines
 - Convened meetings
 - Established online library
- Went from **8/53 to nearly half** of all municipalities participating
- Public outreach – critical role of county's strategy



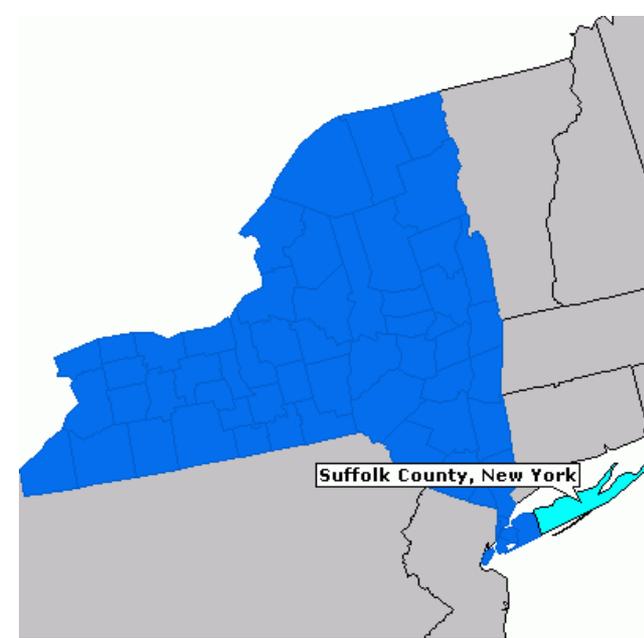
Bucks County, Penn.

- **Half of 418 miles of streams** required additional pollution reduction to restore water quality
 - **75%** due to erosion
- ***Neshaminy Creek Watershed Sediment Reduction Plan for Municipal Implementation*** (SR Plan)
 - Guide to restore watershed over **20-30 year** period
 - BMP and priority areas in watershed
- Led field work effort and identified challenged areas
- Convened neighboring counties that share watershed to create and adopt SR Plan
- Comprehensive approach to restoring water quality – strategy sharing and feedback across communities



Suffolk County, NY

- Released the *Suffolk County Comprehensive Water Resources Management Plan* (WRM Plan) in 2014
 - Upgrades to septic systems in **74%** of county households
 - Mitigation of nitrogen pollution
- Hosted water quality teleconference that attracted **9,700** residents
- Partnerships were critical to WRM Plan
 - New York State
 - Federal agencies
 - Private firms
 - Academic institutions



Monterey County, Calif.



- Needed new, updated hazard mitigation plan to consider **41** natural hazard events - **\$32 million** in damages
- Worked with municipalities to update plan and integrate with local plans and future development
- Used **NOAA Digital Coast** resources to shape the planning process
- Process for updating plan established – sharing GIS documents/tracking flood-related projects
- Community participation was key to success of new 2014 plan



Digital Coast.



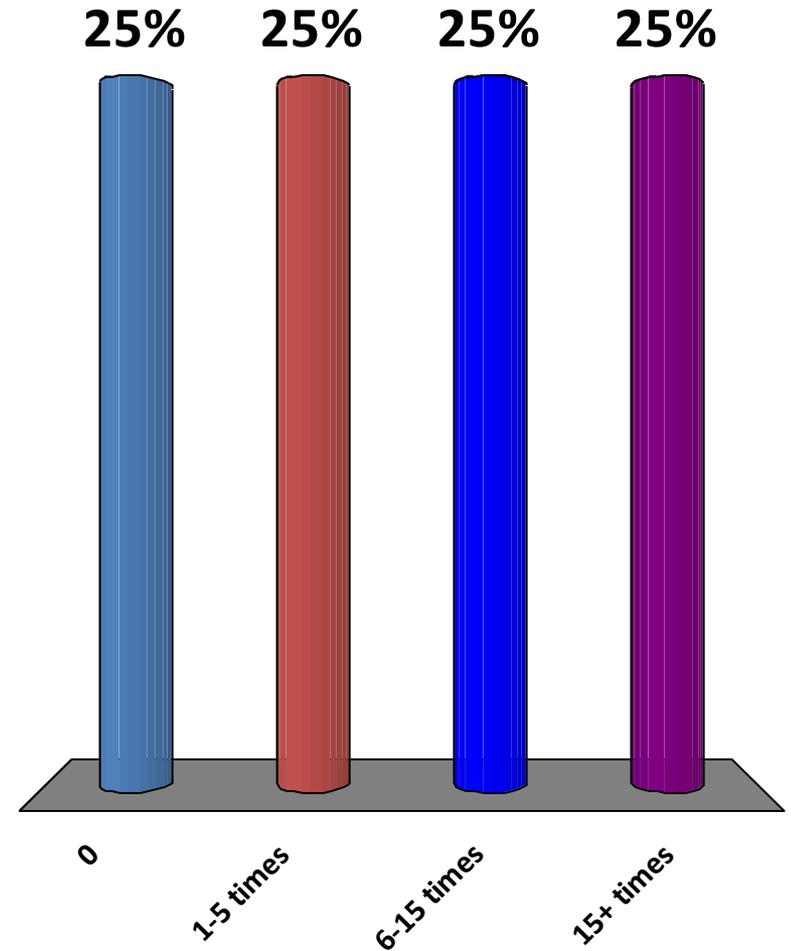
- Suite of tools, data and training
- Focus on coastal management

csc.noaa.gov/digitalcoast

A screenshot of the NOAA Digital Coast website homepage. The header features the NOAA logo and the text "DIGITAL COAST NOAA COASTAL SERVICES CENTER" on the left, and a search bar on the right. A navigation menu includes links for Home, About, Data, Tools, Training, Apply It, Stories, and GeoZone Blog. The main content area has a dark blue background. On the left, there is a large banner with the text "DIGITAL COAST MORE THAN JUST DATA" and a video player. The video player has a play button and is surrounded by text: "JOIN THE COMMUNITY USER GROUP" with a thumbs-up icon, "SHARE EXPERTISE" with a right arrow icon, and "SHAPETHE FUTURE OF DIGITAL COAST". On the right side of the banner, there are two tabs: "Top Tool Picks" and "Top Data Picks". Below these tabs is a list of five items, each with a numbered circle and a title: 1. Sea Level Rise Viewer, 2. Coastal County Snapshots, 3. MarineCadastre.gov National Viewer, 4. ENOW Explorer, and 5. Land Cover Atlas.

In the past six months, how many times have you visited the Digital Coast website?

- A. 0
- B. 1-5 times
- C. 6-15 times
- D. 15+ times

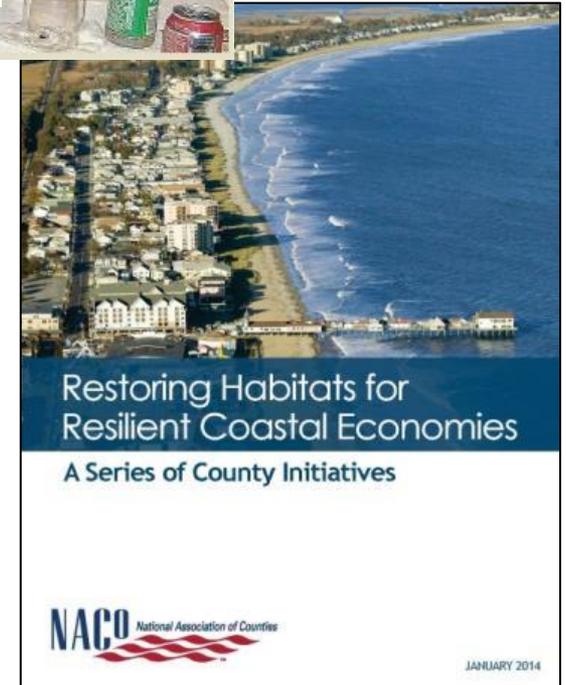
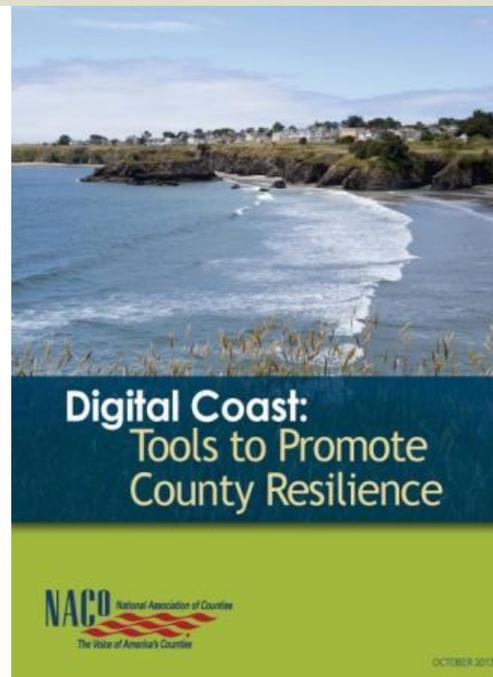
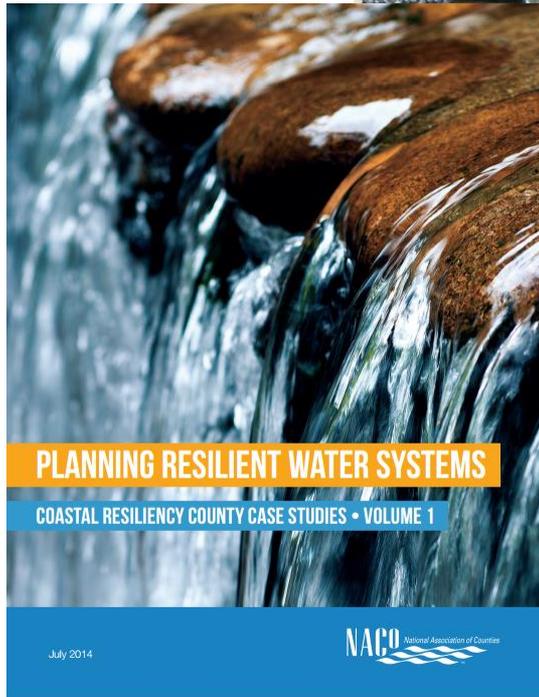


Digital Coast Tools.

- Coastal County Snapshots Tool
 - Allows users to tell a story about their county
- Sea Level Rise Viewer
 - Observe varying scenarios and impacts to infrastructure



Recent Activities & Resources.



Resources and Contacts.

Jen Horton

JHorton@naco.org

Alyssum Pohl

Apohl@naco.org

www.NACo.org/Resilience

www.NACo.org/Coastal

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Practice Areas

- Health and Human Services
- Justice and Public Safety
- Community and Economic Development**
- Technology and Innovation
- Professional Development, Education and Training

NACo > County Solutions > Practice Areas >



Community and Economic Development

To help counties implement innovative and effective local programs, NACo provides members with information, trainings, and assistance to engage counties and their multi-sector partners who are bound by a common interest in growing stronger, more competitive, more equitable counties and communities.

The Community and Economic Development practice area supports county leaders seeking to develop and implement creative, innovative, locally driven strategies that will foster economic growth and ensure long-term county resiliency.

In This Section

County Administration

- Find a Grant
- Hire Quality Staff
- Awards Program

Cost-Saving Tools

- U.S. Communities Cooperative Purchasing
- Deferred Compensation Program
- Public Finance Authority Network of Care
- Prescription Discount Card Program
- Dental Discount Program

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Practice Areas

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Resources for Coastal Counties



Contact

Alyssum Pohl
NOAA Digital Coast Fellow
Community & Economic Resilienc
202.661.8840

Partners