Coastal Resilience, Coastal Intelligence, and NOAA's Navigation Services





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Hydrographic Services Review Panel February 25, 2014





Coastal Vulnerability Around the World







America Was Born on the Coast





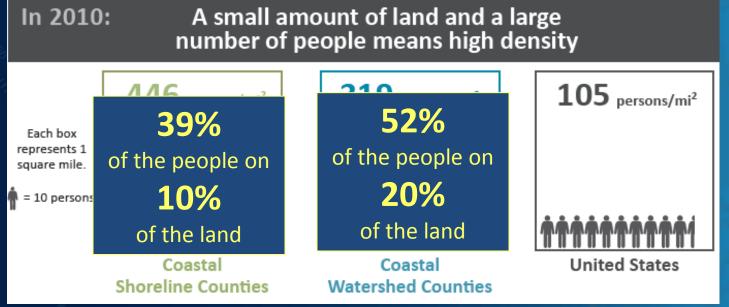


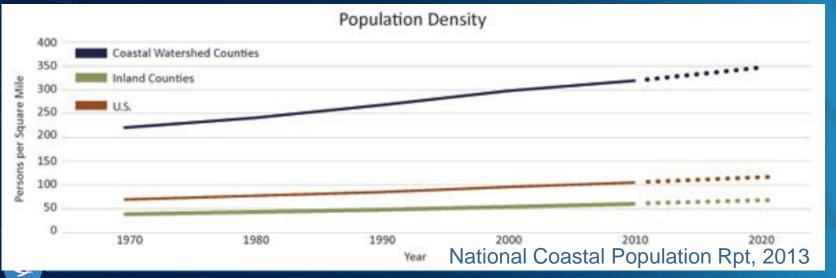
Americans Need Resilient Coasts



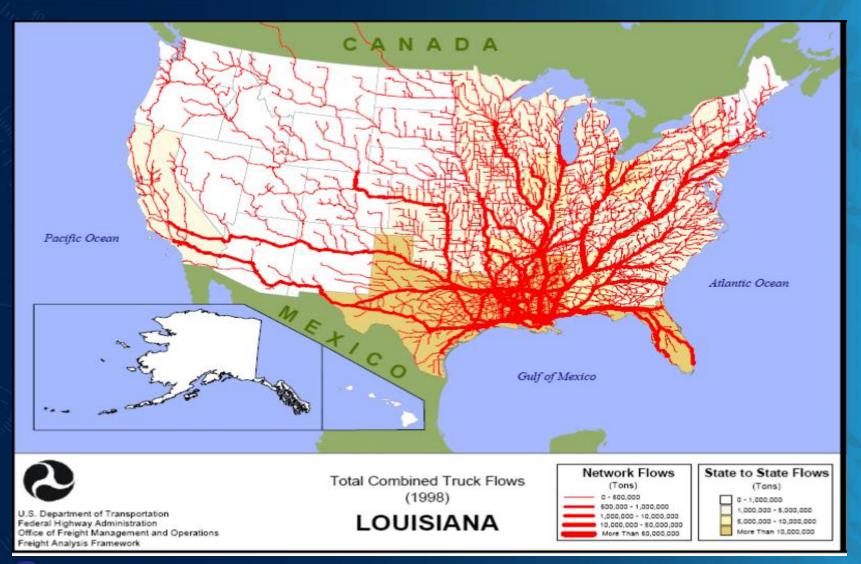


Coastal Communities: Steadily Growing





A Coastal Nation







Coastal Economies: Vital to U.S. and International Markets

- 98% of products in U.S reach us through ports.
- 45% of U.S. GDP is generated in coastal shoreline counties.
 - \$6.6 trillion
 - 51 million jobs & \$2.8 trillion in wages
- Coastal tourism and recreation is significant portion of U.S. economy.
 - Beach recreation alone ~\$30 billion annually.





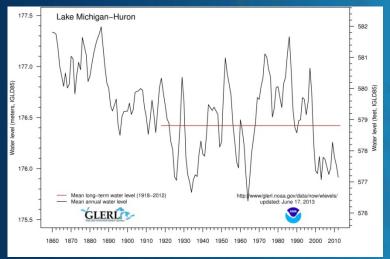


What Does the Future Hold?



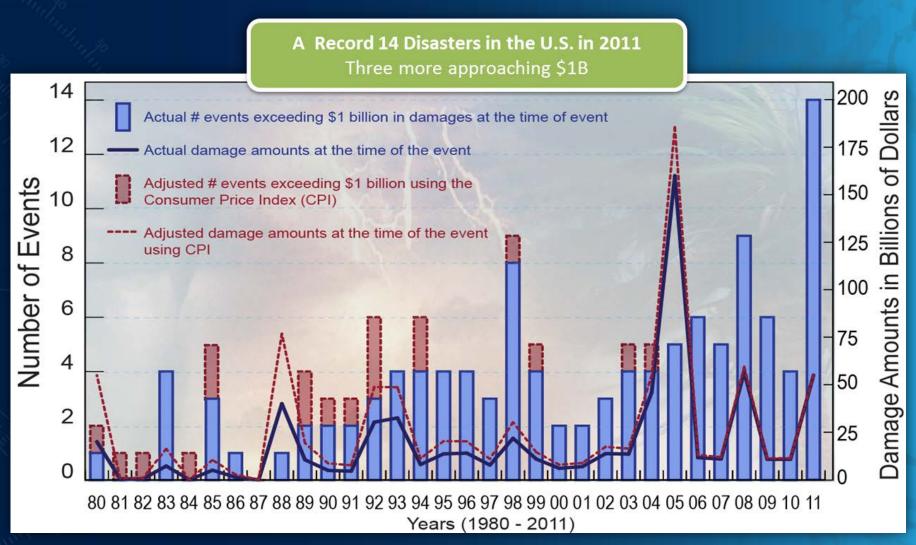








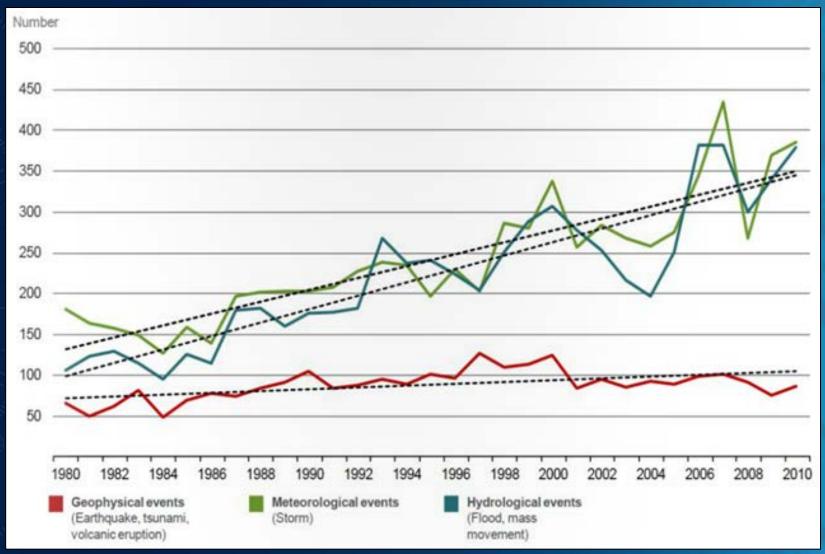
Billion Dollar Disasters: Fact of Life

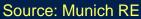




Source: NOAA

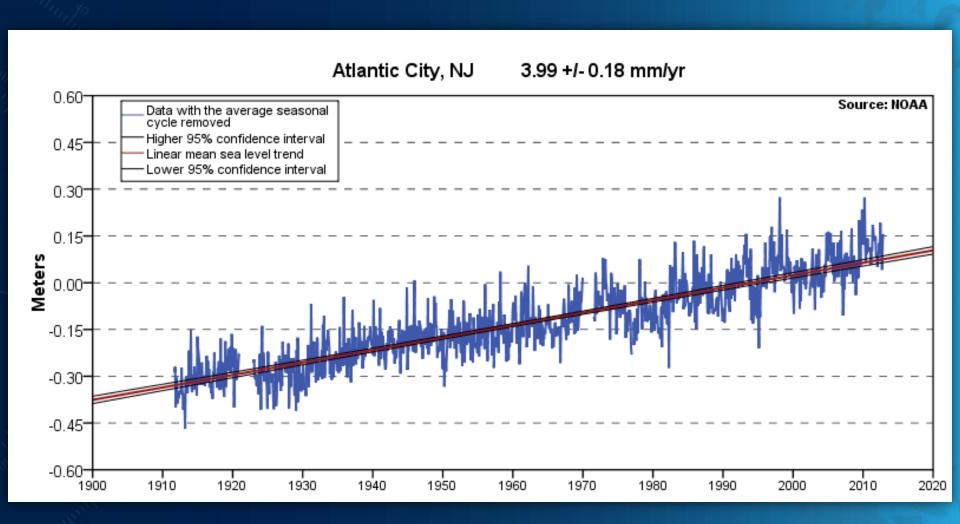
Weather-related versus Geophysical Events







Sea Level Trend: Atlantic City, NJ







Sandy: A Turning Point?













Coastal Intelligence

Planning for Long-Term Resilience

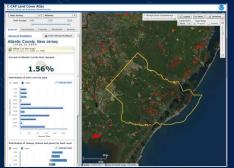
Promoting Resilience to Coastal Hazards and Climate Change

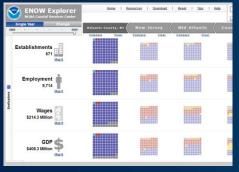






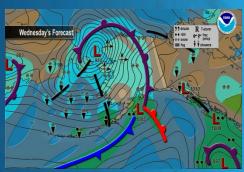
Supporting Community Livability





Building a Weather-Ready Nation





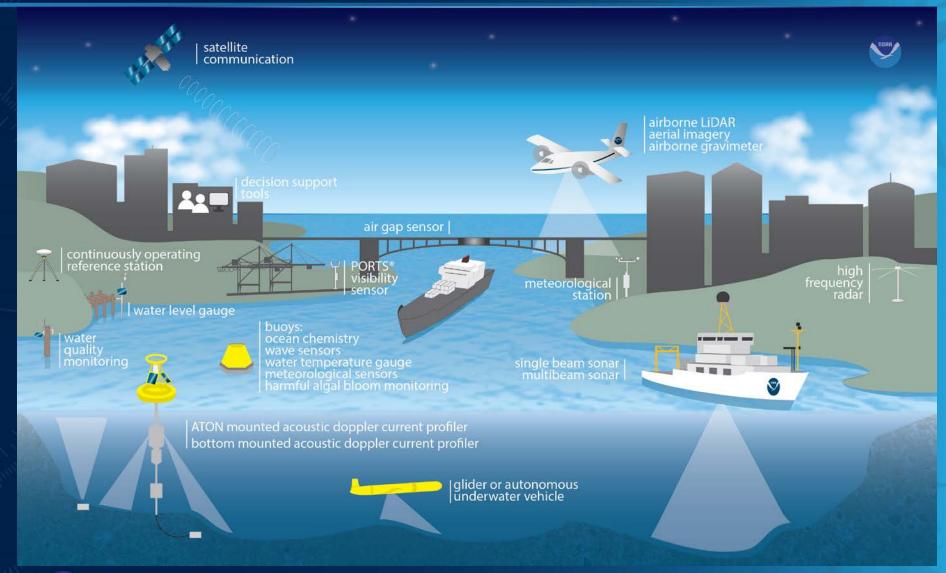
Ensuring Safe, Efficient, and Environmentally Sound Navigation







Coastal Intelligence: Foundational Data





Coastal Intelligence and the MTS

Things for FAC to consider:

- What should NOAA contribute or could contribute to the issue of coastal resiliency, such as through coastal intelligence?
- Where does informational infrastructure fall in prioritizing the need for infrastructure investment?
- How can NOAA better help U.S. ports be competitive globally? Or drive creation of U.S. jobs?
- How can NOAA better message its role in these developments and priorities of our Nation?

