

Observing System



### **Outline: Challenges and Opportunities**

- Brief history
- SECOORA Accomplishments

What's next?

This for one!











Origins of IOOS

• 2000: Ocean.US

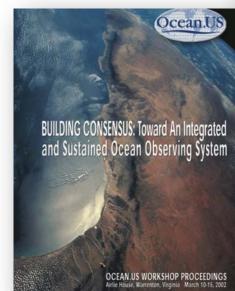
 2002: Arlie House Workshop

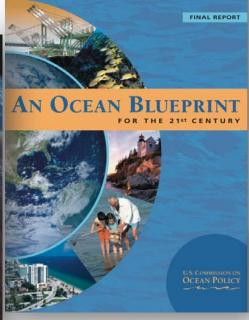
• 2003: Regional Summit

 2004: US Commission on Ocean Policy Report

• 2007: NOAA IOOS Office

2009: ICOOS Act







omnibus-public-photo-dactualité/94949876?#president-barack-obama-signs-the-omnibus-public-lands-management-act-picture-id94949876







## Challenges

- Multiple federal agencies
- Regional interests
- Earmarks vs.
   programmatic funding

#### CORE

Consortium for Ocean Research And Education

National Ocean Partnership Program (NOPP)

#### **REGIONS**

- New England
- Southeast
- Gulf of Mexico

#### The 4 N's

- Navy
- NOAA
- NASA
- NSF



Image credit: http://www.bing.com/images/search?view=detailV2&ccid=UyqRVAu%2f&id=7BF639B735FAA93A56EF5C1E42E30789B9E50CC3&thid=OIP.UyqRVAu\_OPhw8-I3huohDwEsCo&q=images+who%27s+on+first&simid=608036455676445585&selectedIndex=0&ajaxhist=0







### **Early Opportunities**

- Regional Organization Structure
- Connecting the Boundaries
- IOOS Association
- Building Political Support
- Transition from "Earmarks"
- Expanding Regional Membership
- Connecting the Regions







**SECOORA Accomplishments** 

- Sustained Observations
- Stable network and organization
  - Strategic Plan
  - Reserve Fund
  - Fundraising Plan
  - Scholarship opportunities











## **Being Heard and Gaining Support**

Cape
Canaveral
Buoys

Thanks to members and partners for reaching out to NOAA ...

Thanks to NOAA!!





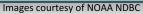
Station 41009 (LLNR 840) - CANAVERAL 20 NM East of Cape Canaveral, FL

Station 41010 (LLNR 845) - CANAVERAL EAST - 120NM East of Cape Canaveral









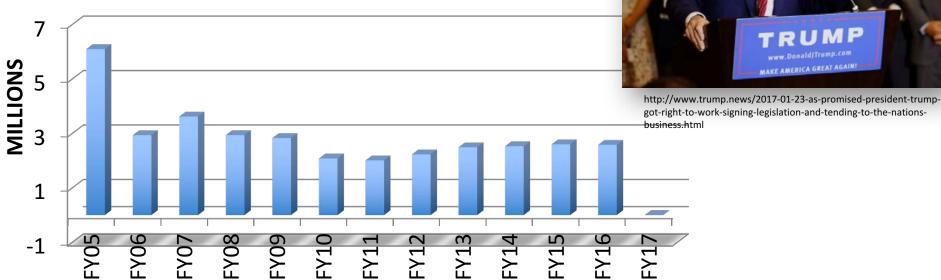




### **SECOORA Challenges**

- Next Panel organizational history
- Funding
- **Uncertainty: New administration**

#### **Total SE IOOS Funding**





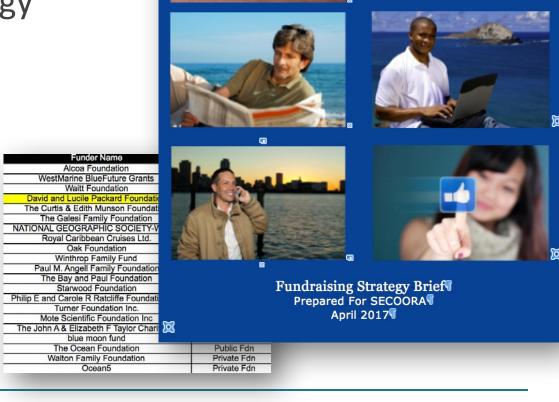




got-right-to-work-signing-legislation-and-tending-to-the-nations-

### **Current Opportunities**

- Strategic Plan
- New funding strategy
- Initiatives
  - Membership
  - Students
    - Scholarship
    - Data Challenge









THAT WORK 8

### **Current Opportunities**

- Blue Economy
- Offshore energy development in the SE?



A8: Wednesday, May 3, 2017

#### Lowcounty mayors oppose offshore drilling

conference. "It feels a little bit like Groundhog Day. We're gonna have to do it all over again, but I certainly hope that we'll be able to have the same result this time." All four cities were among

communities all along the coast that came out against offshore drilling, and Tecklenburg went with the mayor of Beaufort to Washington last year to lobby the White House as well as members of Congress against it.

At the conference, the mayors worried about the toll offshore drilling and testing could have on the local environment, not that what happens next in their just in the case of a spill, but in coastal communities should be the form of the onshore infra- driven by local decisions rather structure — from storage, to re-finery and shipping — required to make the industry work.

They also talked about the risk to the fishing industry as well generated over \$19 billion for ingout against offshore drilling." the state in 2014, according to the state department of Parks, which employs one in every 10 (NOIA), a group that represents workers in the state, according the offshore energy industry, said to 2011 numbers from the state's the review of offshore natural re-Department of Employment and

second in 2015 and first in 2016 on Travel + Leisure's list of the

Tecklenburg said welcoming program that actually increases and Atmospheric Administra offshore access and revives ef-

"About a year ago we were celebrating a victory, having found that even though you can't fight city hall, if you have enough city halls, you can take on the White House."

Sullivan's Island Mayor O'Nell

the next 10 years.

The Republican party has always said it believed that the Strategy," it states: "It shall be the policy of the United States to engovernment closest to the people governs best. In this case, people from up and down the Atlantic have said in unequivocal fashion as a global energy leader and foster energy security and resilience people, while ensuring that any such activity is safe and environthan mandates that come from Washington," Sanford said in a statement. "The administration's proposal is disappointing and at odds with the overwhelming chorus of voices at home speak-

not open up millions of acres off the east coast of the United In a statement, Randall Luthi, States — including the South At-lantic region of which the South the president of the National Ocean Industries Association Carolina coast is a part - up to 2022. Trump's order directs his sources is sorely needed.

secretary of the interior to recon With a whopping 94 percent A group from the College of Charleston School of Business currently locked away from oil found that the Charleston area and gas development, a thorough specifically generated an eco- review of the regulatory framenomic impact of \$3.3 billion in work governing our offshore 2014, due at least in part to the energy resources is warranted city's great reputation. It landed and logical," he said. "NOIA hopes the review will prompt the Trump administration to begin

In January, the Obama admin istration also denied permits to

coast, but the companies that Part of the order signed by Trump Friday called for a re-

work on an expedited leasing view of the National Oceanic and Atmospheric Administra-

America-First Offshore Energy

Outer Continental Shelf, in order

In March 2016, the Obama

ninistration announced that

rage energy exploration and



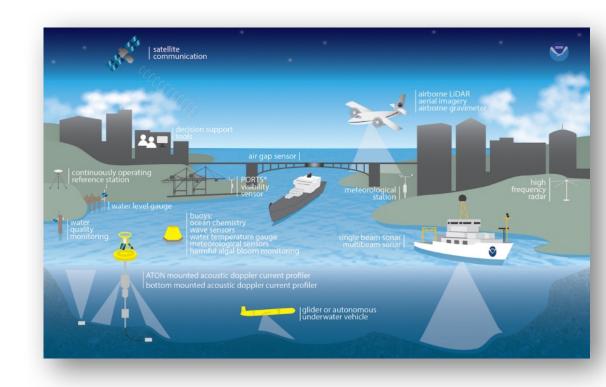
Alice Morrisey, center, a Sullivan's Island resident and one of the founders of Don't Drill SC ountry, stood behind the mayors during the press con





# **Future Opportunities**

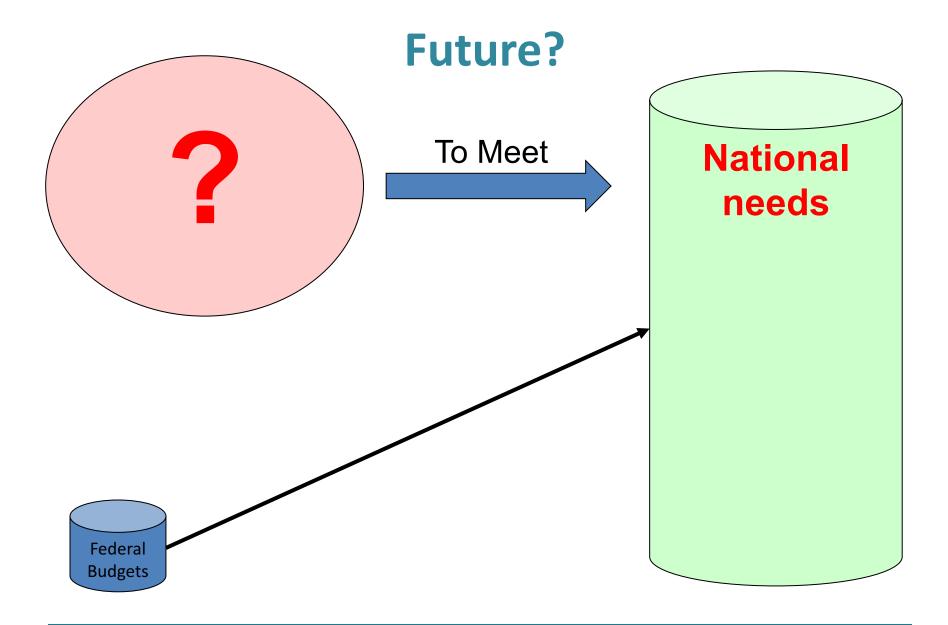
- New technology
- Public / private partnership
- Privatization







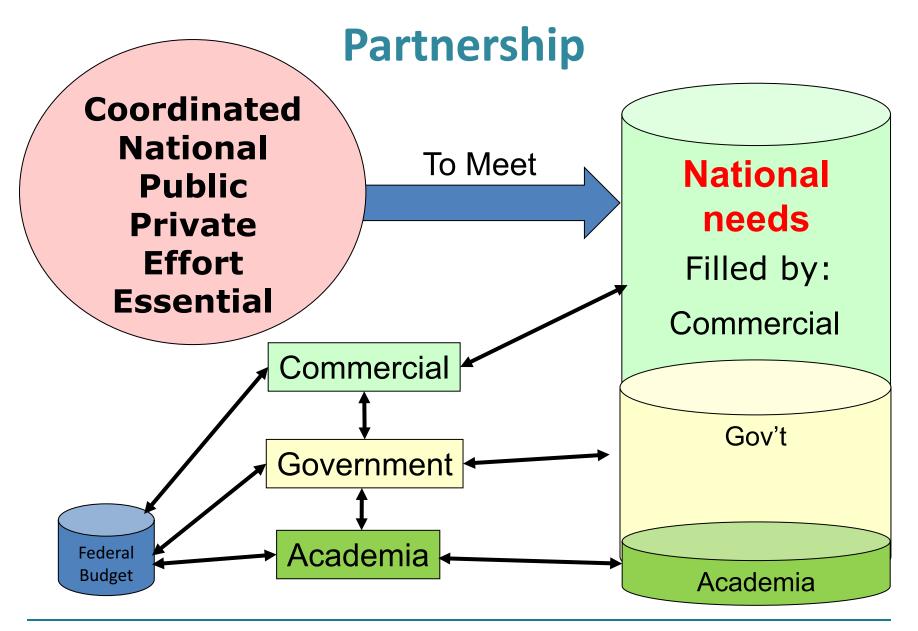










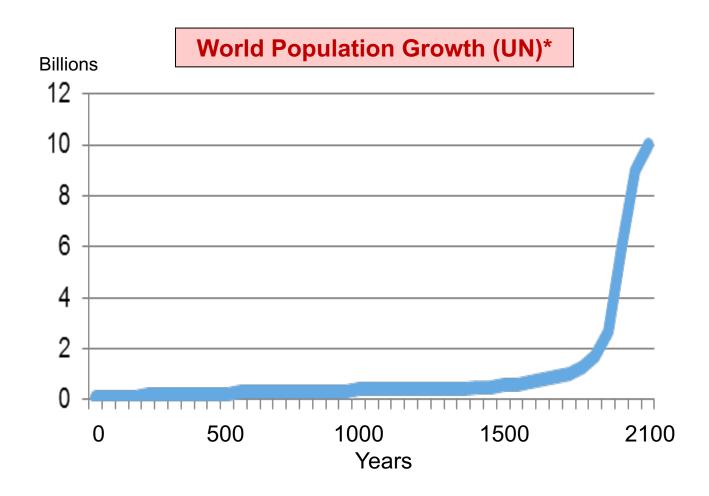








#### The Future









#### The End

"We are really the generation that reached the limits."

Earth scientists "....are the only ones who can explain the basic processes ... that are threatening us"

#### Jeffrey Sachs\*



Education

\*Eos News Vol 95, No 51, 23 Dec 14

Research



- Happy 10<sup>th</sup> Birthday SECOORA!
- Many thanks to all who made it so!
- Here's to a sustainable future for all!

Conrad C Lautenbacher, Jr.

# **Back-up slides**

# **Funding History**

	SECOORA	Sub-reg IOOS	Total SE
FY05	0.379		6.099
FY06	0.387	2.55	2.937
FY07	1.14	2.48	3.62
FY08	0.784	2.16	2.94
FY09	0.892	1.94	2.83
FY10	0.456		0.46
FY11	2.01		2.01
FY12	2.23		2.23
FY13	2.49		2.49
FY14	2.53		2.53
FY15	2.6		2.60
FY16	2.584		2.58
FY17	Dog some manage		0.00