

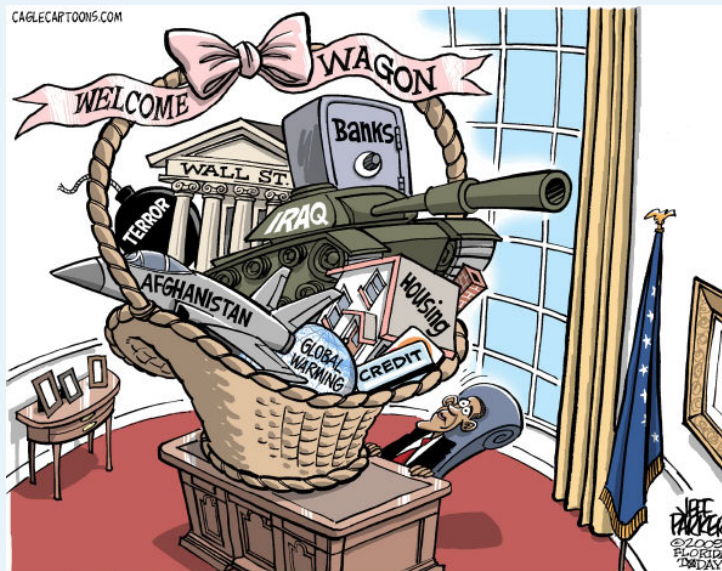


## Policy Update and Administration Transition

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## Administration Transition



## President Obama's Technology Agenda

- **Make Math and Science Education a National Priority:** Recruit math and science degree graduates to the teaching profession and ensure that all children have access to a strong science curriculum at all grade levels.
- **Restore Scientific Integrity to the White House:** Restore the basic principle that government decisions should be based on the best-available, scientifically-valid evidence and not on ideological predispositions.
- **Invest in the Sciences:** Double federal funding for basic research over ten years.
- **Invest in University-Based Research:** Expand research initiatives at American colleges and universities. Provide new research grants to the most outstanding early-career researchers in the country.

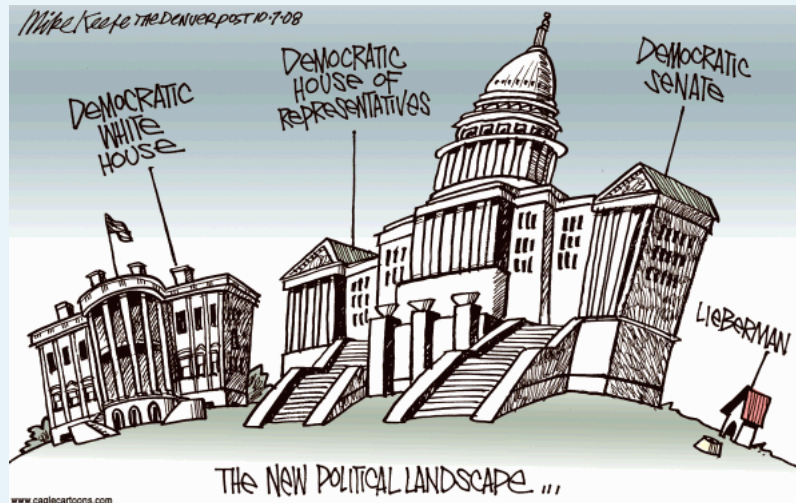


## Obama Energy Agenda

- Help create five million new jobs by strategically investing \$150 billion over the next ten years to catalyze private efforts to build a clean energy future.
- Within 10 years save more oil than we currently import from the Middle East and Venezuela combined.
- Put 1 million Plug-In Hybrid cars -- cars that can get up to 150 miles per gallon -- on the road by 2015.
- Ensure 10 percent of our electricity comes from renewable sources by 2012, and 25 percent by 2025.
- Implement an economy-wide cap-and-trade program to reduce greenhouse gas emissions 80 percent by 2050.



## New Political Landscape



## 111<sup>th</sup> Congress

- Senate 58-41
  - 10 New Senators
  - Pending MN recount
  - Inouye (HI) Chair Appropriations Committee
  - Rockefeller (WV) & Hutchinson (TX) to lead Commerce, Science & Transportation Committee
- House 257-178
  - 50 new members (32 Democrats)
  - Waxman new Chair Energy & Commerce Committee
  - Need to reinvigorate the House Oceans Caucus



## Opportunities in the 111<sup>th</sup> Congress

### Large Legislative Vehicles with Mandatory Spending

- Energy Bill – OCS Revenues / Trust Fund
- Climate Change – Cap and Trade
- Transportation / Infrastructure Authorizations
- Farm Bill

### Ocean-Specific Authorizations

- Public Lands Package – IOOS, Ocean Exploration, Ocean Acidification, Coastal Mapping & Estuarine Land Protection
- CZMA
- Ocean Governance / NOAA Organic
- Aquaculture
- Invasive Species / Ballast Water
- Marine Sanctuaries Reauthorization
- Marine Mammal Protection Act
- Law of the Sea



## S. 22—IOOS Provisions

- **Interagency Ocean Observation Committee Duties**
  - Prepare annual and long-term plans for design, operation, maintenance, enhancement and expansion of the observing system;
  - Submit to Congress annual coordinated comprehensive budget for the observing system;
  - Establish required observation data variables to be gathered;
  - Establish protocol and standards for DMAC;
  - Develop compliance standards for integration of non-federal assets into the observing system;



## S. 22—IOOS Provisions (Cont.)

- **Interagency Ocean Observation Committee Duties (Cont.)**
  - Identify gaps in observation coverage and need for capital improvements;
  - Establish competitive process for research into new technologies and migration of tested technologies to operations;
  - Recommend revisions to the System Plan;
  - Ensure collaboration among Federal agency partners;



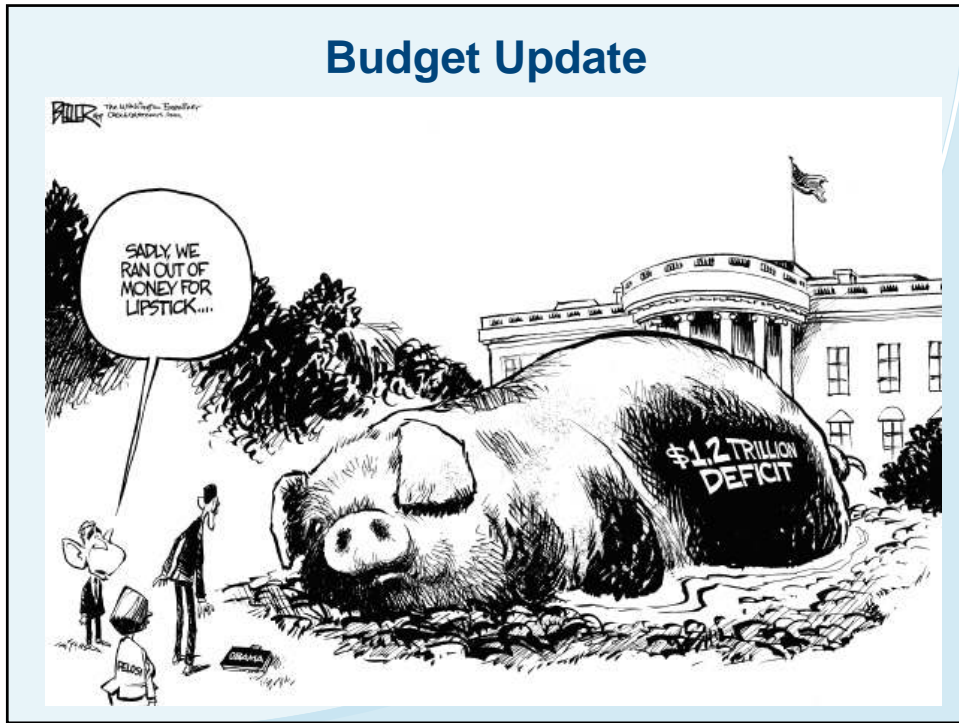
## S. 22—IOOS (cont.)

- **System Advisory Committee Duties: Advise NOAA Administrator and IOOC on—**
  - Administration, operation, management, and maintenance of the System and integration of assets;
  - The need to expand, modernize or upgrade components of the observing system; and
  - Identify end-user communities, their needs for information, and the effectiveness in the dissemination of that information.

Should the ORRAP Ocean Observing Sub-panel become the System Advisory Committee?



## Budget Update



American Recovery & Reinvestment Act of 2009 \$ (in millions)	House Bill	Senate Bill	Final Bill
<b>NSF</b>			
Research & Related Activities NSF is directed to support all research divisions and support advancements in supercomputing technology	\$2,500	\$1,000	\$2,500
Major Research Instrumentation	\$300	\$200	\$300
Academic Facilities Modernization			\$200
MREFC	\$400	\$150	\$400
Education	\$100	\$50	\$100
<b>NOAA</b>			
Operations, Research & Facilities Backlog of research, restoration, navigation and conservation and management activities	\$400	\$227	\$230
Procurement, Acquisition and Construction Construction and repair of facilities, ships and equipment, to improve weather forecasting and to support satellite development (including \$170 million to address critical gaps in climate modeling and establish a climate data records for continuing research into the cause, effects and ways to mitigate climate change).	\$600	\$795	\$600
<b>NASA</b>			
Science – to accelerate the development of the tier1 Earth science climate research missions recommended by the NAS Decadal Survey and to increase the agency's supercomputing	\$400	\$300	\$400
<b>Department of Energy</b>			
Energy Efficiency & Renewable Energy Program	\$18,500	\$14,398	\$16,800
R&D, develop, demonstration, & deployment	\$2,500	\$2,648	\$2,500
<b>Department of Interior</b>			
USGS – Surveys, Investigations & Research backlog	\$200	\$135	\$0



## Appropriations Update

### Fiscal Year 2009

- Omnibus Negotiated & Pending Floor Consideration
- Week of Feb. 23<sup>rd</sup>--earliest consideration
- Possible CR to allow additional time for passage

### Fiscal Year 2010

- President to Release Budget Blueprint in February
- President's Final FY10 budget Release in April



## Unfinished FY09 Appropriations

\$ (millions)	FY07	FY08	Pres Req.	% Change
<b>NSF Total</b>	<b>\$5,884</b>	<b>\$ 6,065</b>	<b>\$ 6,854</b>	<b>13%</b>
<b>Research</b>	<b>\$4,758</b>	<b>\$4,821</b>	<b>\$5,594</b>	<b>16%</b>
<b>GEO</b>	<b>\$746</b>	<b>\$753</b>	<b>\$849</b>	<b>13%</b>
<b>OCE</b>	<b>\$309</b>	<b>\$311</b>	<b>\$354</b>	<b>14%</b>
<b>IODP</b>	<b>\$35</b>	<b>\$39</b>	<b>\$48</b>	<b>21%</b>



## FY09 NOAA Appropriations

Program	FY07	FY08	FY09 Req	09 House	09 Senate
NOAA	\$3,895	\$3,897	\$4,104	\$4,288	\$4,446
OAR	\$ 364	\$ 388	\$ 372	\$ 396	\$ 403
NOS	\$ 459	\$ 468	\$ 449	\$ 472	\$ 517
NMFS	\$ 683	\$ 708	\$ 724	\$ 744	\$ 777
NWS	\$ 775	\$ 805	\$ 819	\$ 826	\$ 848
NESDIS	\$ 983	\$ 995	\$ 1,158	\$ 1,172	\$ 1,171
Education	\$ 30	\$ 34	\$ 17	\$ 21	\$ 49

