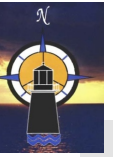


**National Association
of Marine
Laboratories
Public Policy Meeting
Washington, D.C.
February 21-22, 2019**



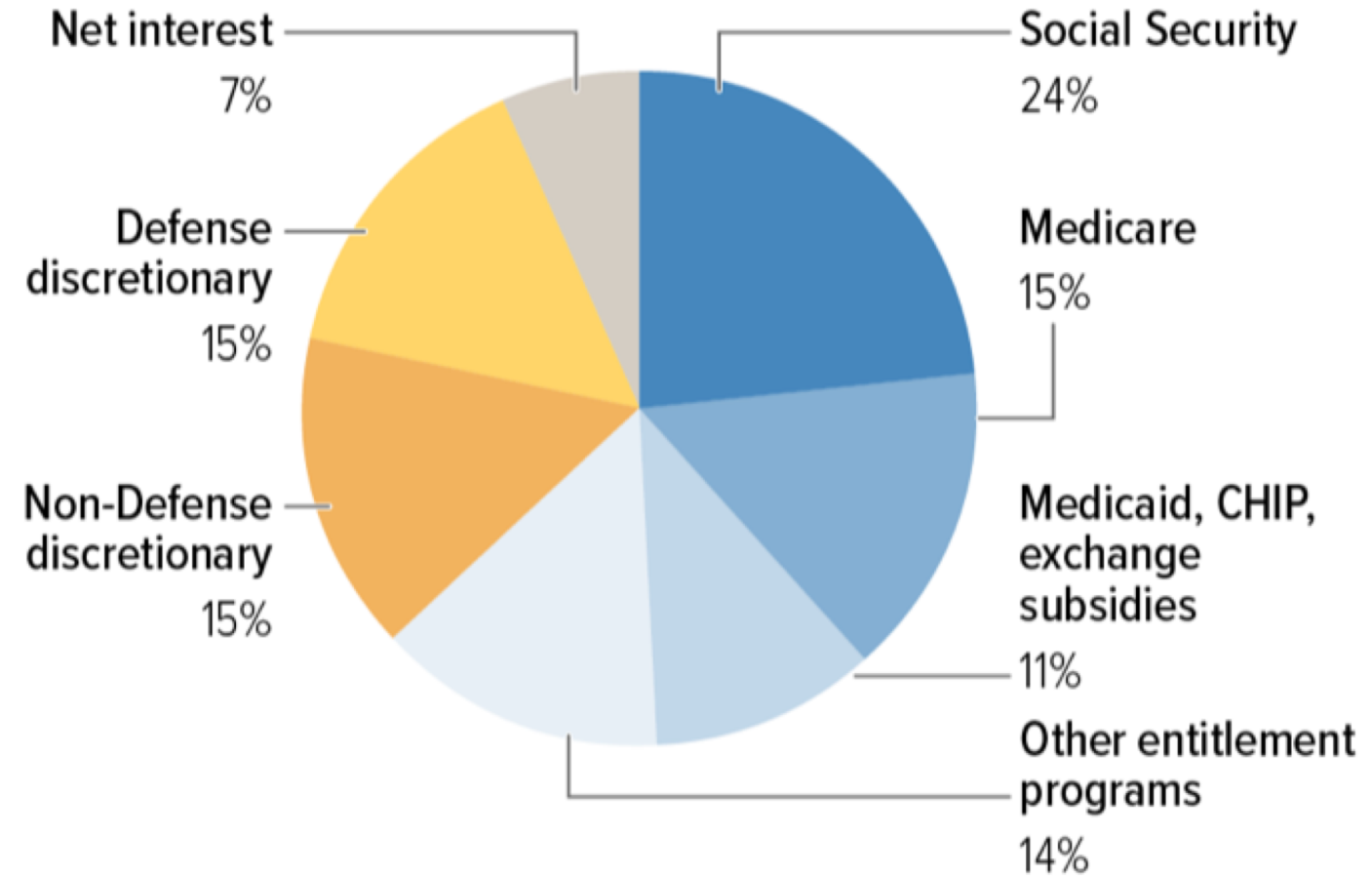
Presented by
Meg Thompson and Joel Widder
Co-Founders and Partners
Federal Science Partners





Federal Spending within the Budget

Federal Spending, Fiscal Year 2017



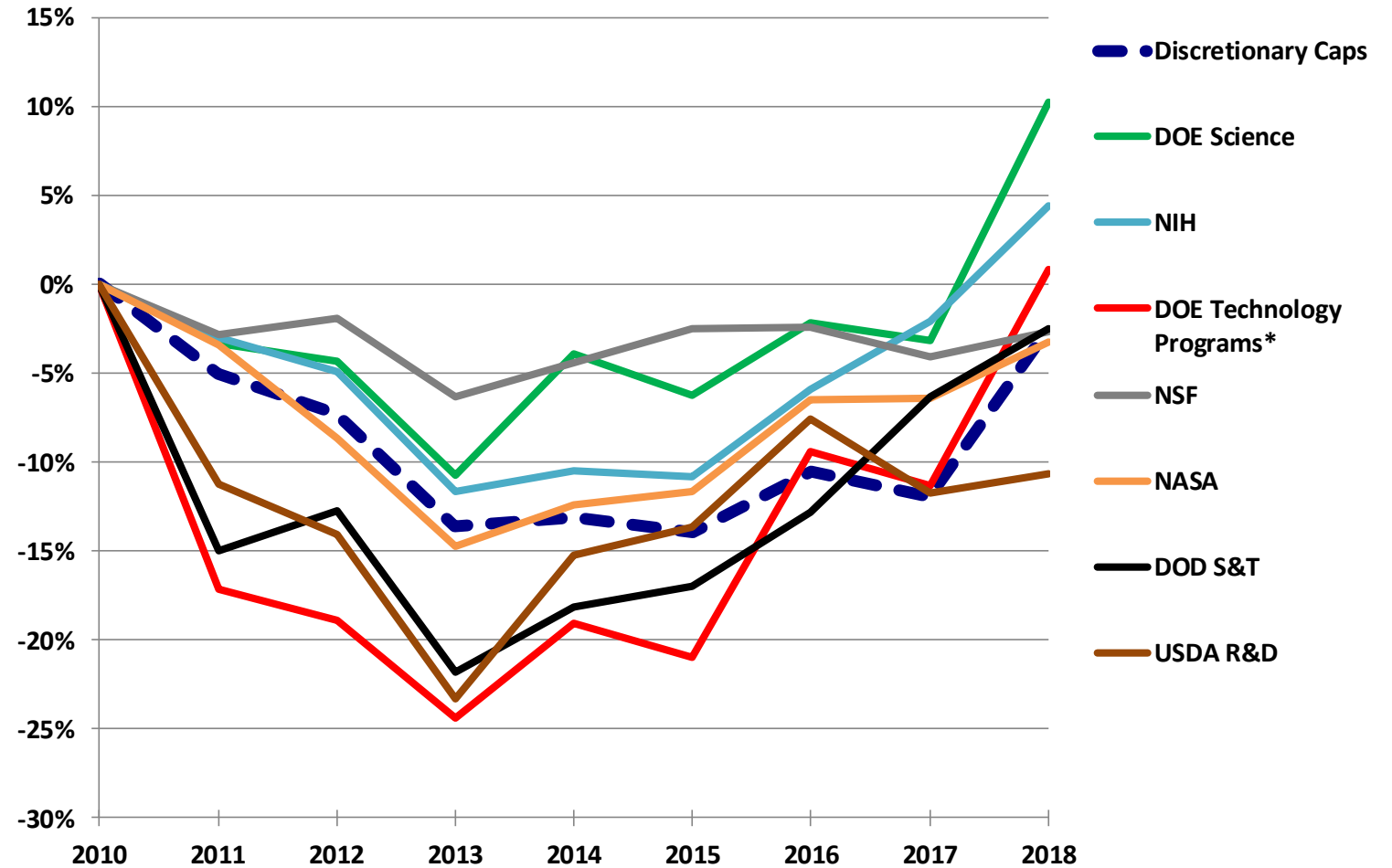
Source: Office of Management and Budget



As Non-Defense Discretionary Spending Goes, So Goes R&D

Federal S&T Spending Since FY 2010

Percent change from FY10 levels, constant dollars

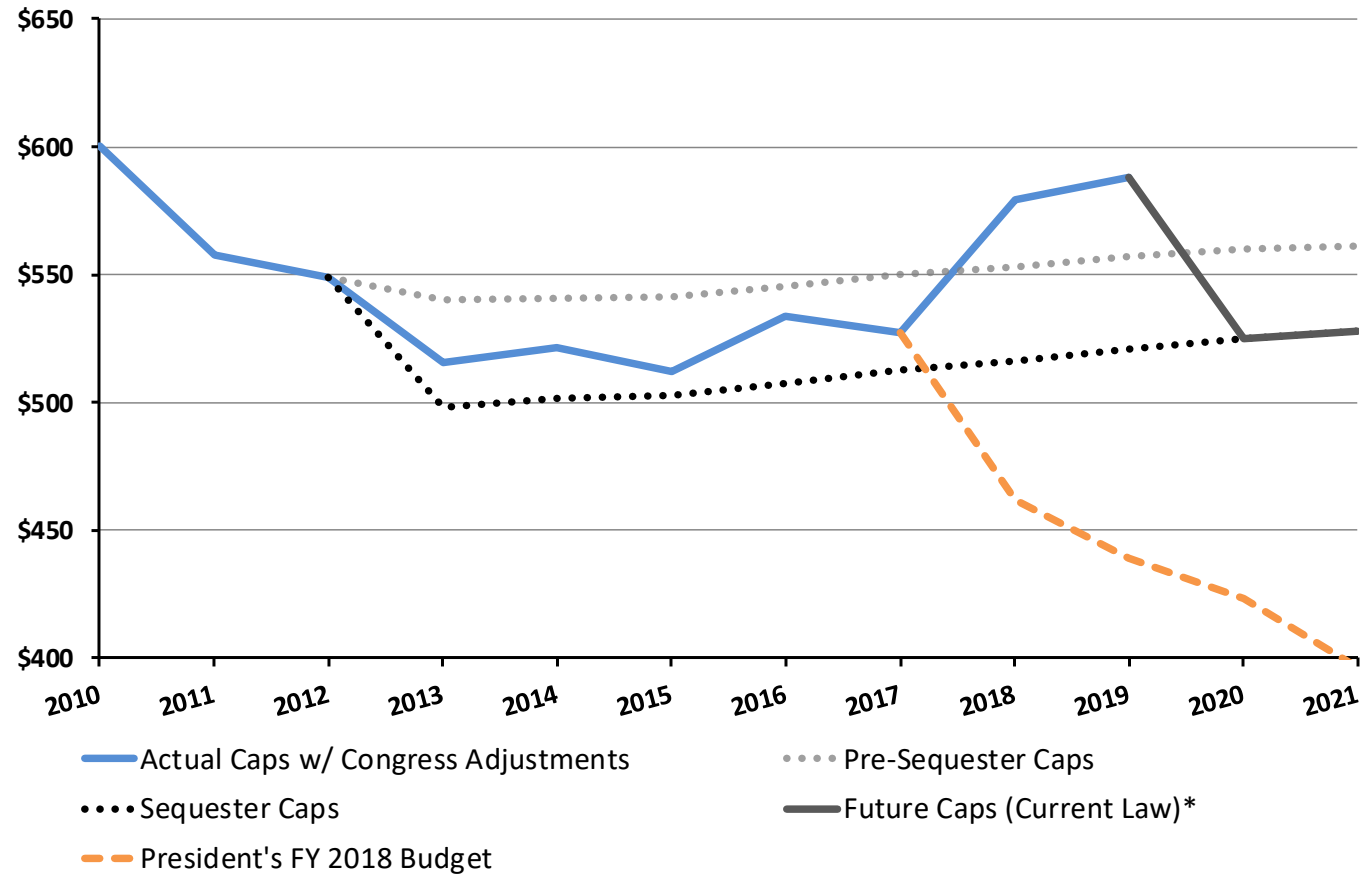


Based on AAAS analyses of historical OMB, agency, and appropriations data. © 2018 AAAS

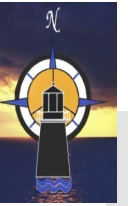
If R&D Tracks with Non-Defense Discretionary Spending, Where is Non-Defense Discretionary Going?

Limits on NONDEFENSE Spending

Billions of constant 2018 dollars

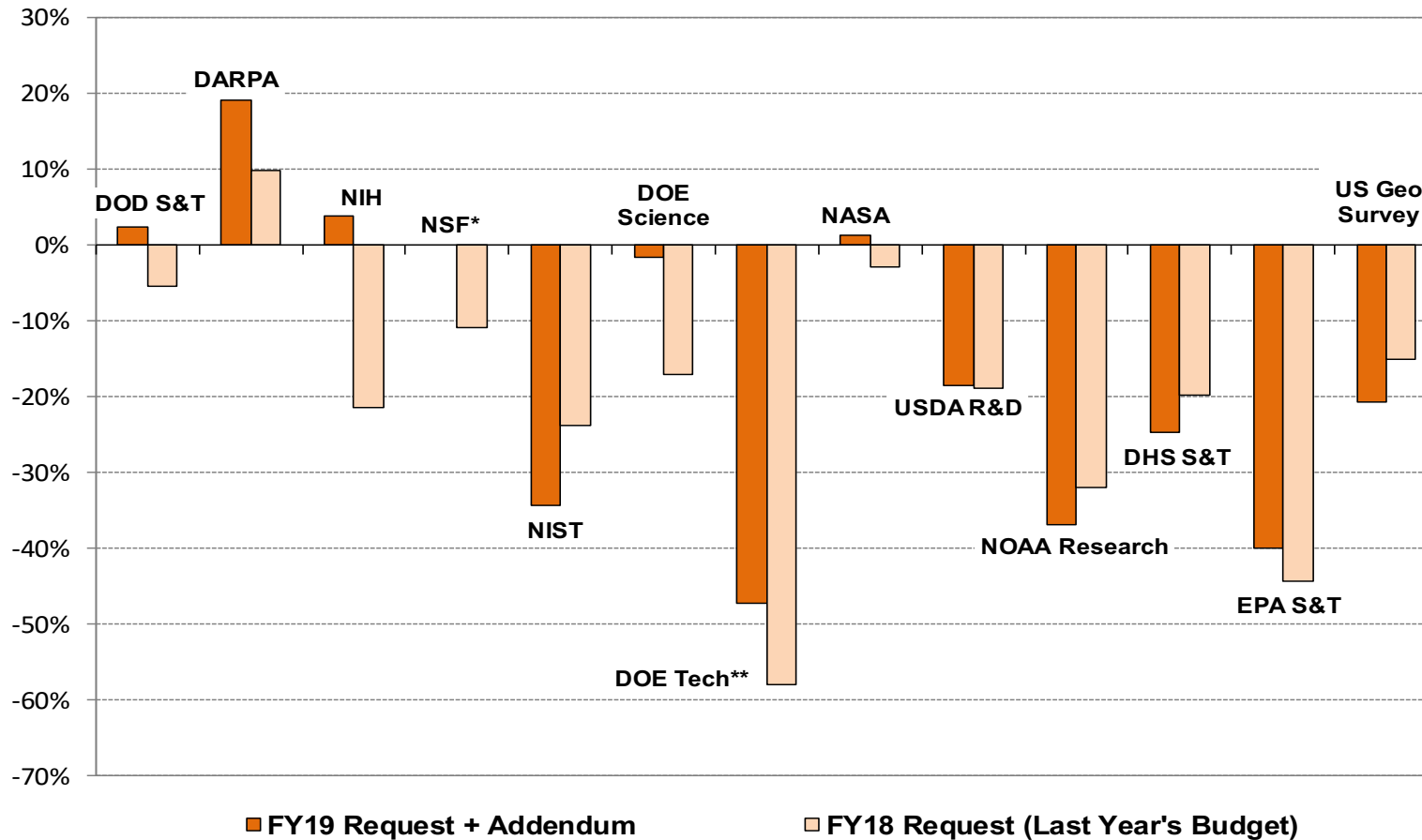


*Current caps last through 2021. Based on past and current budget resolutions, the Budget Control Act and subsequent legislation, and the FY 2019 OMB summary tables. © AAAS 2018



Select Science & Tech Agencies and Programs in the FY 2019 Budget

Estimated percentage change from FY 2017 enacted levels, nominal dollars



*Flat in the FY19 request. *Includes renewables and efficiency, nuclear, fossil, grid research, cybersecurity, ARPA-E. | AAAS

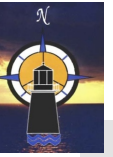
Feb 2018 Budget Agreement “saved” some agencies & programs, but not all

Administration recommends Additional funding in FY19 Addendum for NSF, NIH, DOE basic research

Admin does not recommend additional funding in it’s FY19 Addendum for NOAA, USGS, EPA, DOE EERE, and USDA- Their FY19 budget requests are far below FY17

However, Admin budget for FY19 did not “use up” all the non-defense discretionary spending available under the new caps

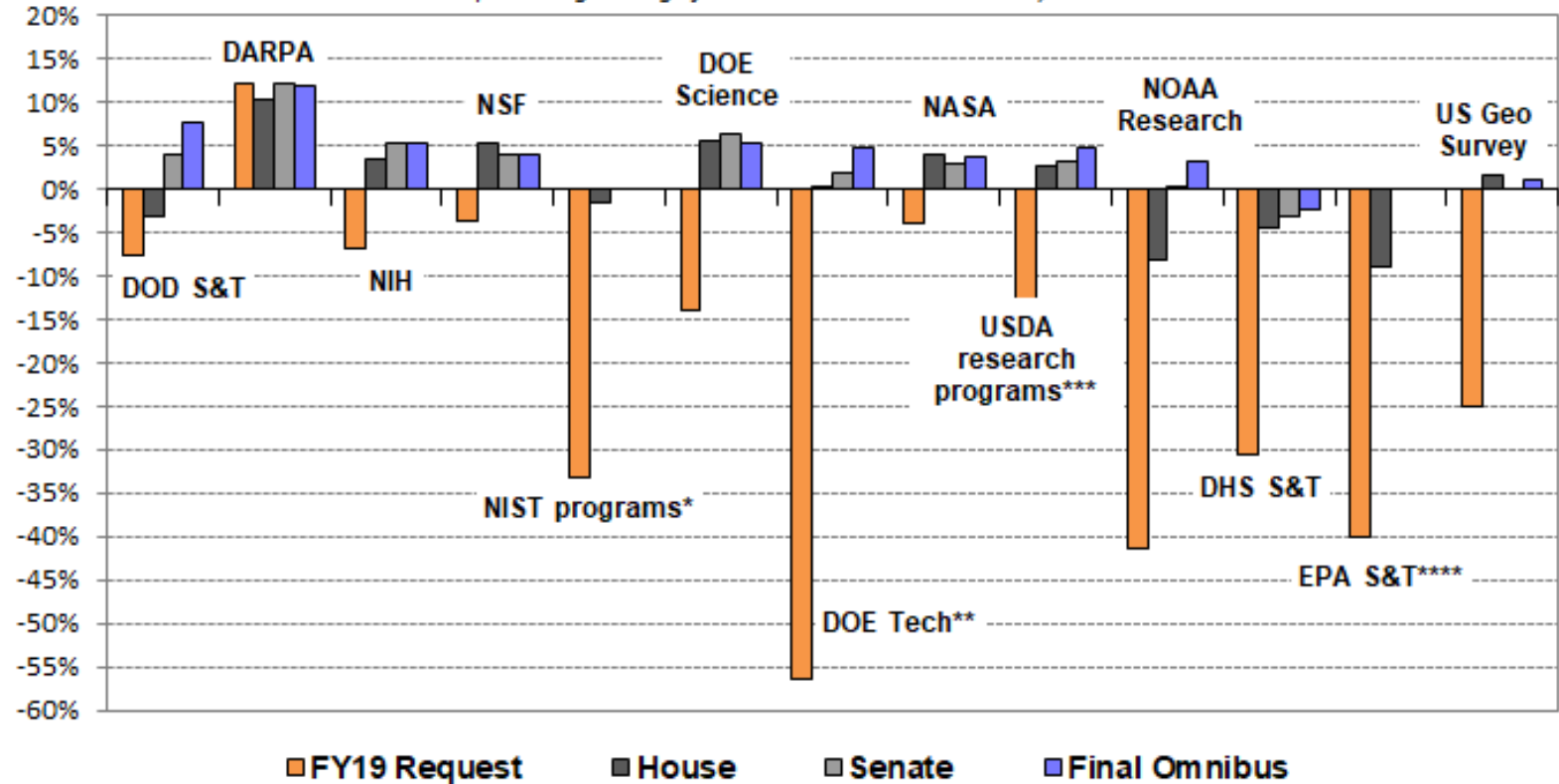
Congress + room within new budget caps + election year = opportunity



How did Congress React to the administration's FY19 R&D Budget Plans?

Select Science & Tech Agencies and Programs in FY 2019 Appropriations

Estimated percentage change from FY 2018 enacted omnibus, nominal dollars

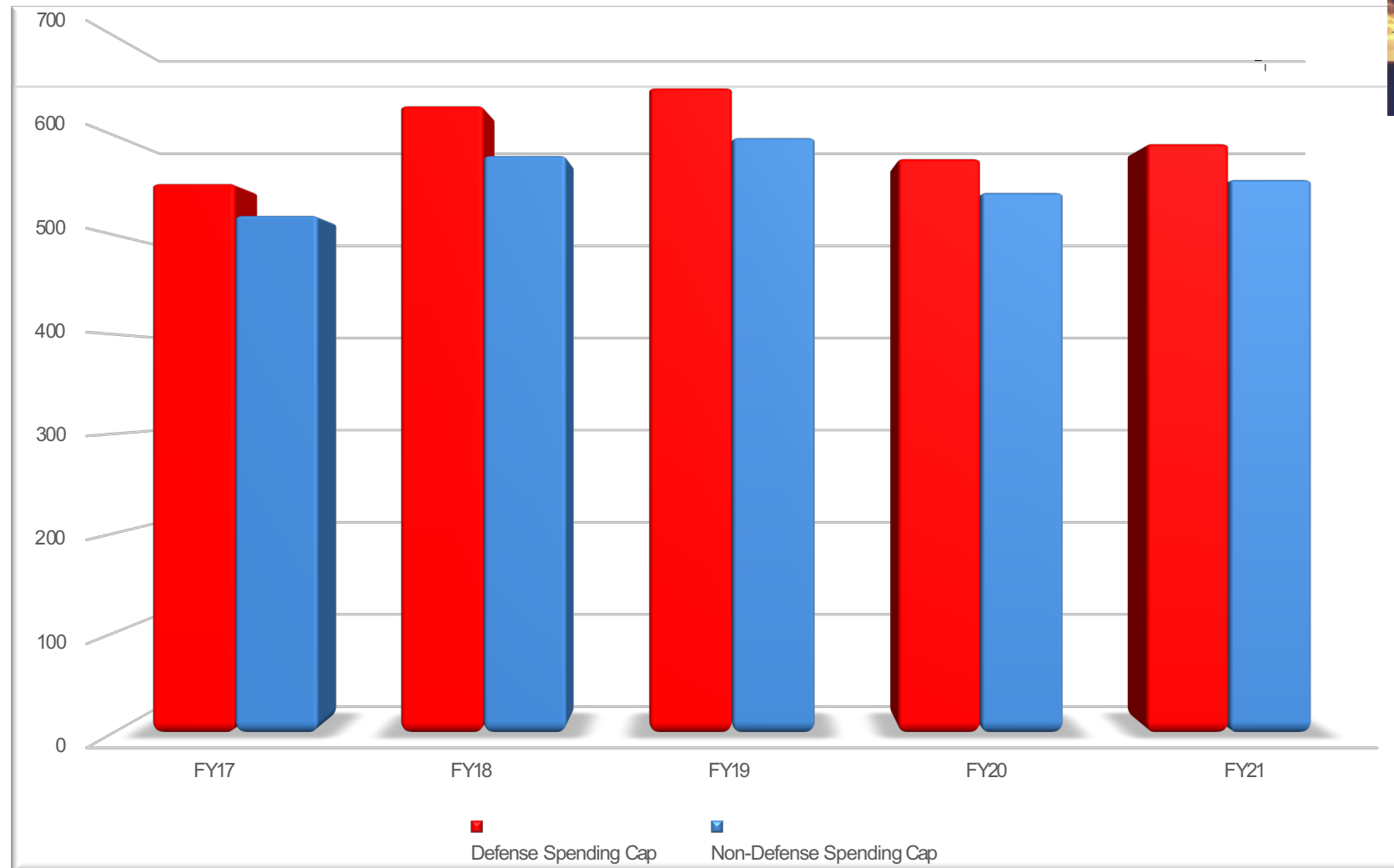


*Includes labs and industrial technology, excludes construction; flat in Senate and omnibus. **Includes renewables and efficiency, nuclear, fossil, grid research, cybersecurity, ARPA-E. ***Includes ARS, NIFA, ERS, NASS, Rangeland Research, excludes ARS construction. ****Flat in Senate and omnibus. | AAAS

The FY20 Budget Environment Facing Science & Technology

Feb 2018 Budget deal raised spending caps for FY18 and FY19. Under spending caps for FY20 and FY21 non-defense declines by 10% in FY20.

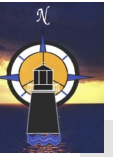
\$ in billions Of current dollars



Budget Control Act (BCA) Spending Levels as of August 2017.

Source: Congressional Research Service; *Budget Control Act: Frequently Asked Questions*, September 1, 2017; and *A New Foundation for American Greatness*; Budget of the U.S. Government FY 2018, Office of Management & Budget





NAML Public Policy Priorities for FY20

NAML recommends expanded support for Federal agencies and programs that address :

U.S.-based aquaculture to reduce the ever-increasing demand for foreign imports, to advance seafood security and opportunities for economic growth;

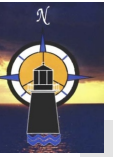
Oceanographic and geochemical exploration and associated technology development to advance national security, commerce and domestic energy independence;

Data collection and adaptive management strategies to increase productivity and sustainability of marine fisheries and social-economic productivity of U.S. exclusive economic zones;

Comprehensive understanding of ecosystems which support fisheries and other social-economic drivers;

Defining the impacts and causative factors for shifting environmental regimes to inform risk management of critical defense, transportation, civic and business infrastructure along U.S. coastlines; and

Discovery and innovation in biological, chemical, geological and physical marine sciences to support advancement of human and environment health and social-economic objectives.



National Ocean Policy

June 2018 administration replaces Obama National Ocean Policy with new Executive Order for National Ocean Policy



New National Ocean Policy emphasizes economic and national security concerns, a strong underlying science and technology enterprise, and a strengthened interagency coordination process



New National Ocean Policy reduces the Obama Exec Order's emphasis on marine conservation, stewardship, and climate.

Current National Ocean Policy

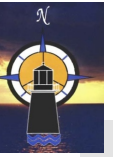
Economic, security, and environmental benefits for present and future generations

Promote lawful use of oceans by Federal agencies

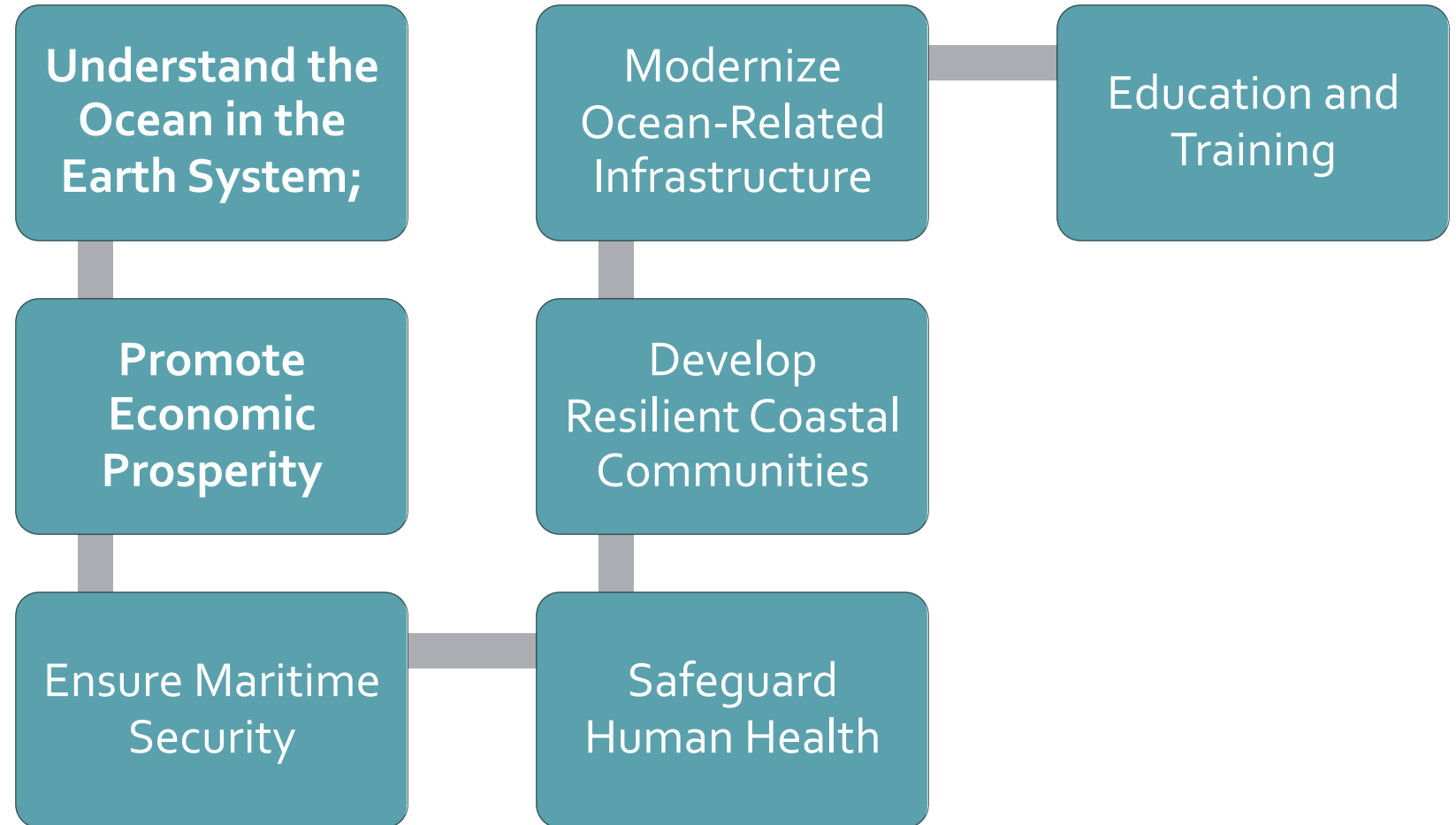
Facilitate economic growth of coastal communities and ocean industries

Minimize burdensome regulations

Advance ocean science and technology

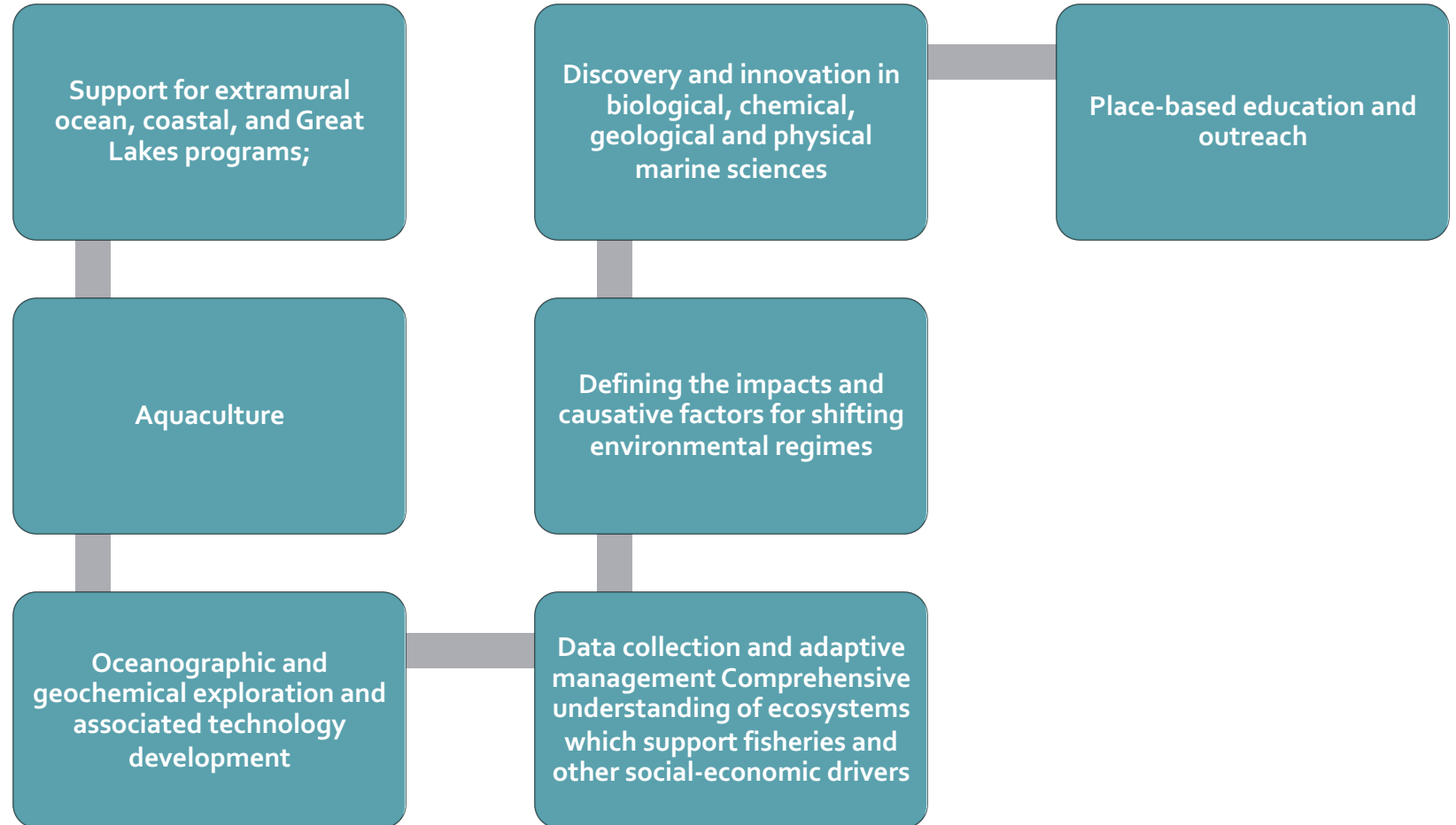


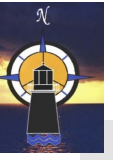
Science and Technology for America's Oceans: A Decadal Vision – The Goals





NAML's Comments on Draft SOST Report





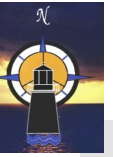
Other Issues to Cover in NAML Response to S&T for America's Oceans?

Call out use of Sea Change – especially because of its view on the value of marine labs;

Less transactional, more balanced in its treatment of research and agencies' missions;

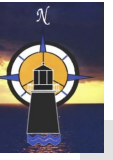
Add back stewardship and ecosystem health;

Great Lakes research and education agenda?



Top Line Issues to be Explored with Speakers at this Meeting

- In what ways are the strengths of marine labs included in the administration's National Ocean Policy and updated Decadal Vision?
- How will the FY20 budget caps impact extramural research and education programs at NSF, NOAA, ONR and other relevant Federal agencies?
- What are the major programmatic priorities agencies are likely to emphasize in their forthcoming FY20 budget plans?
- Within NSF, are the Big Ideas squeezing out support for core research and education programs?
- At NOAA, where does support for extramural research and education fit in with meeting NOAA's core missions and key priorities?
- What are the major ocean, coastal, and Great Lakes legislative initiatives likely to see action in the new Congress? Aquaculture? IOOS Reauthorization? Magnuson-Stevens? Coastal Zone Management? Sea Grant?
- How can NAML be most helpful and effective in its advocacy efforts



NAML Public Policy Activities: Recent and Planned

