



Bob Houtman, Integrative Programs Section, Ocean Sciences Division

Overview of What's Next in the Geosciences?

GEO Vision



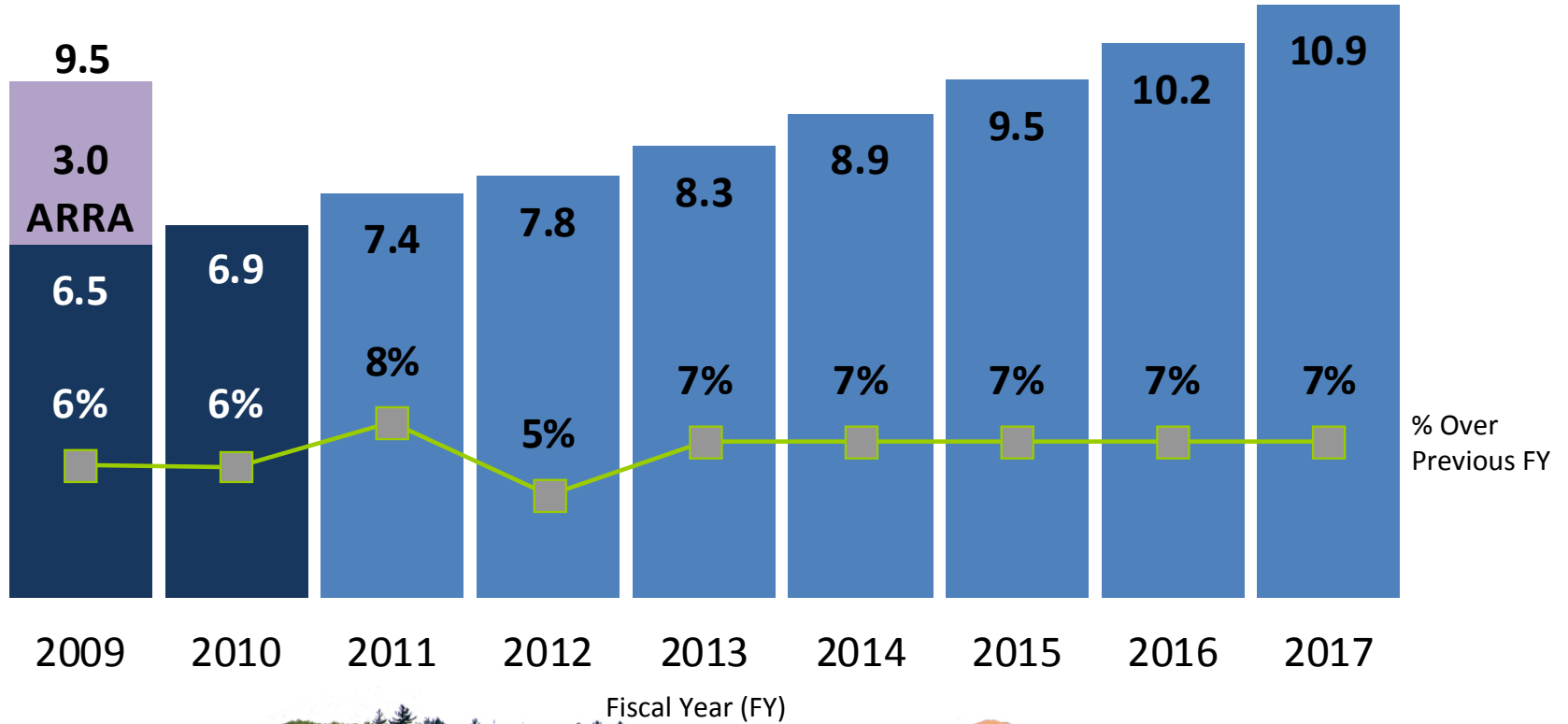
- GEO Advisory Committee (October 2009)
- Three main challenges to the for next decade
 - Understanding and forecasting the behavior of a complex and evolving Earth system
 - Reducing vulnerability and sustaining life
 - Growing the geosciences workforce of the future





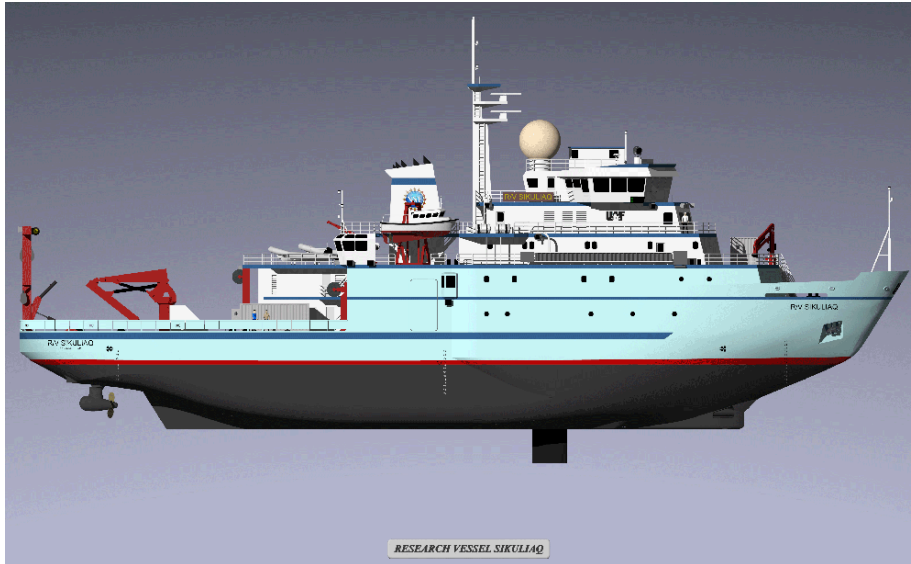
President's Plan for Science and Innovation

Total NSF Funding:
FY 2006-FY 2020 (dollars in billions)



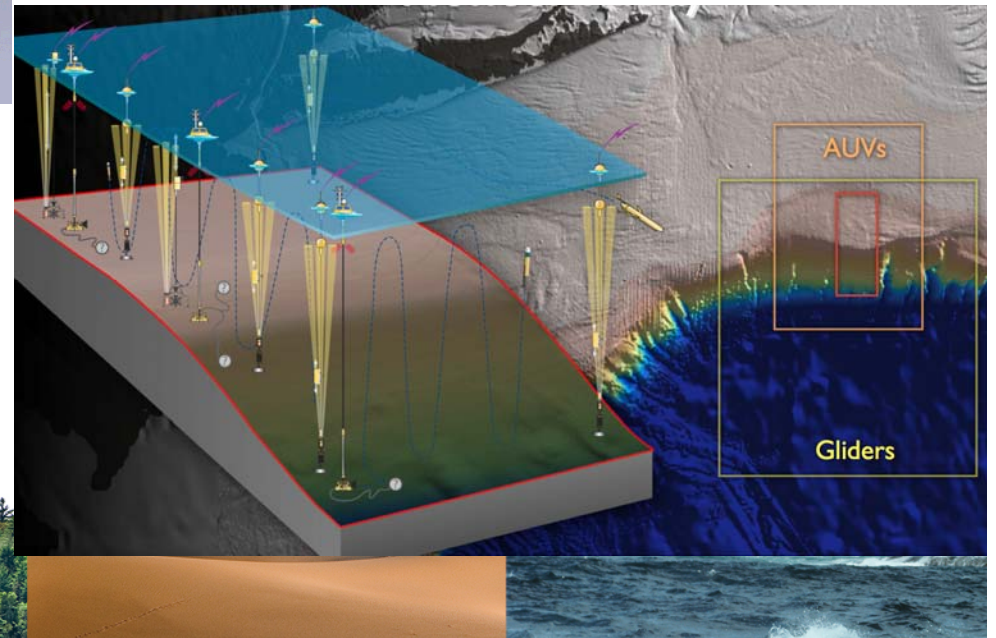


ARRA : GEO Infrastructure



R/V Sikuliaq: \$148M

OOI: \$106M





FY2010 Climate Research Investment Solicitations (\$197M across agency; \$46M GEO)

- Decadal and Regional Earth System Modeling
- Water: Sustainability and Climate
- Ocean Acidification
- Dimensions of Biodiversity and Climate
- Climate Change Science Education





FY 2011 GEO Investments in Divisional Research and Education

- Atmospheric and Geospace Sciences: 8.1% increase
- Ocean Sciences: 8.3% increase
- Earth Sciences: 8.7% increase
- Education: 7.9% increase



Questions?



NATIONAL SCIENCE FOUNDATION