NOAA Science Update

NOAA Science Advisory Board
April 23, 2019

RDML Tim Gallaudet, PhD, USN Ret.
Assistant Secretary of Commerce for Oceans and Atmosphere and
Deputy NOAA Administrator
"Walter Munk’s contributions to science and society were vast. Perhaps the greatest of these was the inspiration he provided to scientists, citizens, and leaders at every level in academia, the government, and the military. I first met Walter when I began my career in the U.S. Navy at Scripps three decades ago. The role model he was for me guided every action I took in pursuit of science and public service. Most prominently, it was Walter who set the standard for scientific and personal integrity that I followed in positions of national leadership…"
OSTP Leadership
NOAA Engagement with OSTP
Chief Scientist Focus Area: Earth System Modeling
Chief Scientist Focus Area: Unmanned Systems
Chief Scientist Focus Area:
Artificial Intelligence & Machine Learning
Chief Scientist Focus Area: ‘Omics/eDNA

eDNA localization in time: seasonal differences

- 18-month time series
- 46 samples ocean, bay, ~q 1-2 w

Selected species:
Atlantic menhaden, Striped bass, Bluefish, Bay anchovy, Northern sea robin, Broad-striped anchovy, Florida pompano, Winter flounder

Barneget Light, NJ
NOAA Business Brief Story Map
Blue Economy Update: Marine Transportation
Blue Economy Update: Tourism and Recreation
Blue Economy Update: Seafood
Blue Economy Update: Ocean Exploration
The Way Ahead
Thank You!