Translating Climate Science into Useful Products and Services A Presentation to the Research Dialogue

Marian Westley, Ph.D.

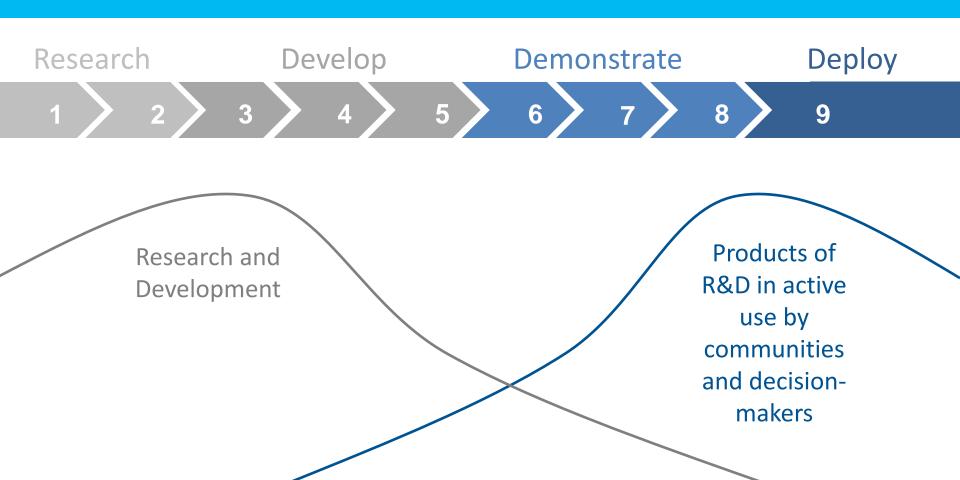
Senior Advisor to the Chief Scientist of the United States National Oceanic and Atmospheric Administration

May 19, 2016





Research and Useful Knowledge

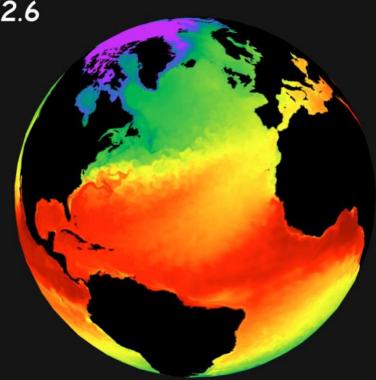


The Challenge of Scale

GFDL CM/ESM2.6

Sea Surface Temperature

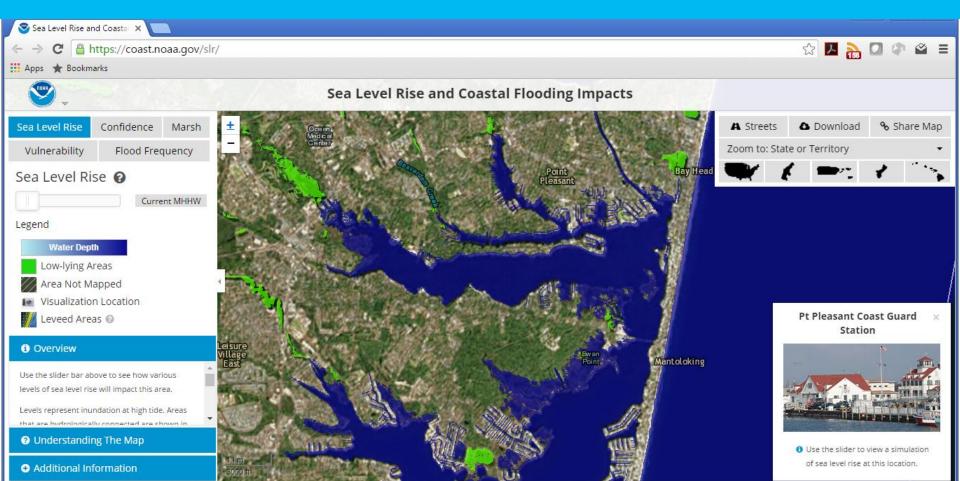
29.5 28.3 27.0 25.8 24.5 23.3 22.0 20.8 19.5 18.3 17.0 15.5 11.8 8.00 6.75 5.50 4.25 3.00 1.75 0.50 -0.75 -2.00



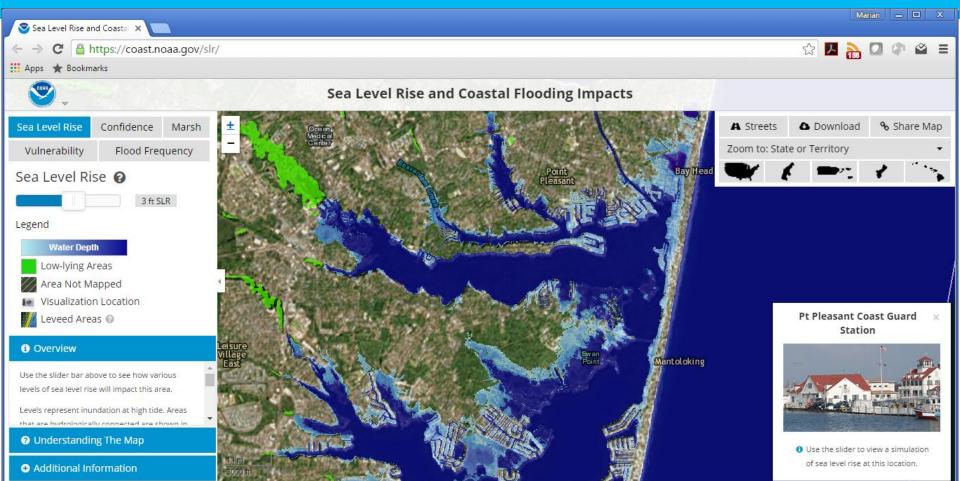




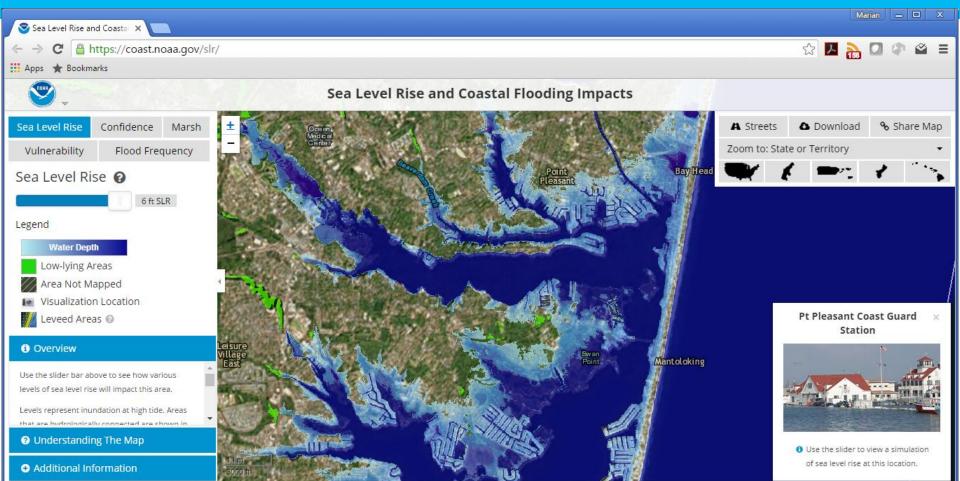
Understanding Sea Level Rise



Understanding Sea Level Rise



Understanding Se Level Rise





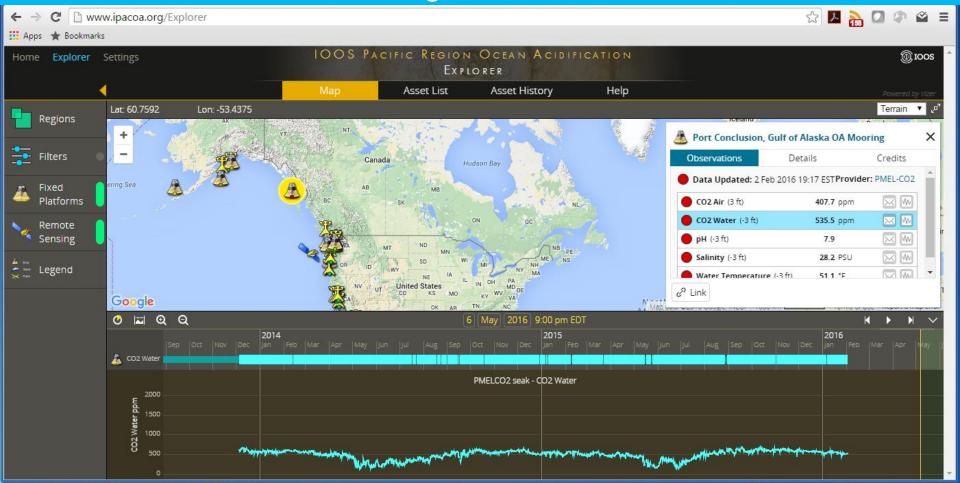
Helping Communities Prepare for Sea Level Rise







Understanding Ocean Acidification



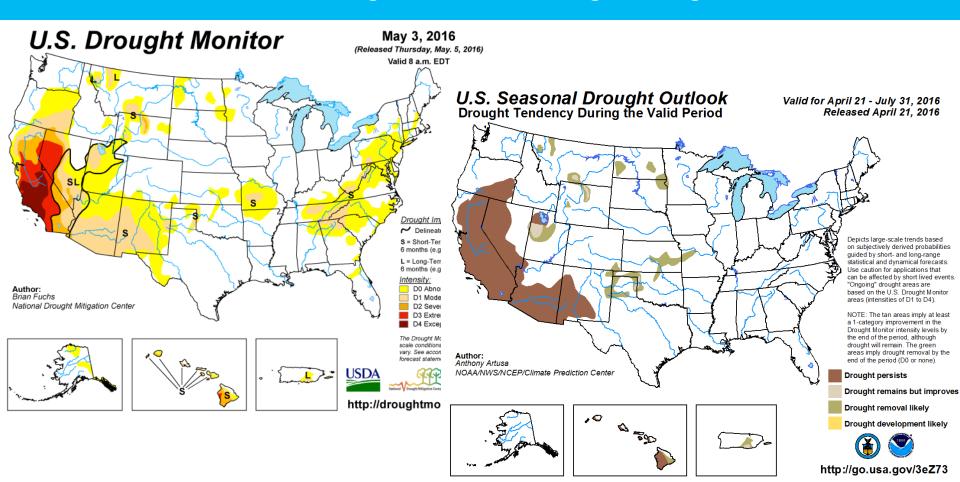
Building Resilience to Ocean Acidification







Monitoring and Predicting Drought



Engaging Drought-Vulnerable Communities





THE NAVAJO NATION

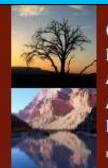


BEN SHELLY PRESIDENT
REX LEE JIM VICE PRESIDENT

CEM 13-06-27

STATE OF EMERGENCY DECLARATION

THE NAVAJO NATION COMMISSION ON EMERGENCY MANAGEMENT RE-AFFIRMS THE DROUGHT DECLARATION STATE OF EMERGENCY



CONSIDERATIONS
FOR CLIMATE CHANGE
AND VARIABILITY
ADAPTATION ON THE
NAVAJO NATION

March 2014

Julie Nania & Karen Cozzetto, et. al



Research and Useful Knowledge

