

# Natural Infrastructure 101

#### California Adaptation Forum Alex Leumer, September, 7, 2016





# **Natural Climate Solutions**



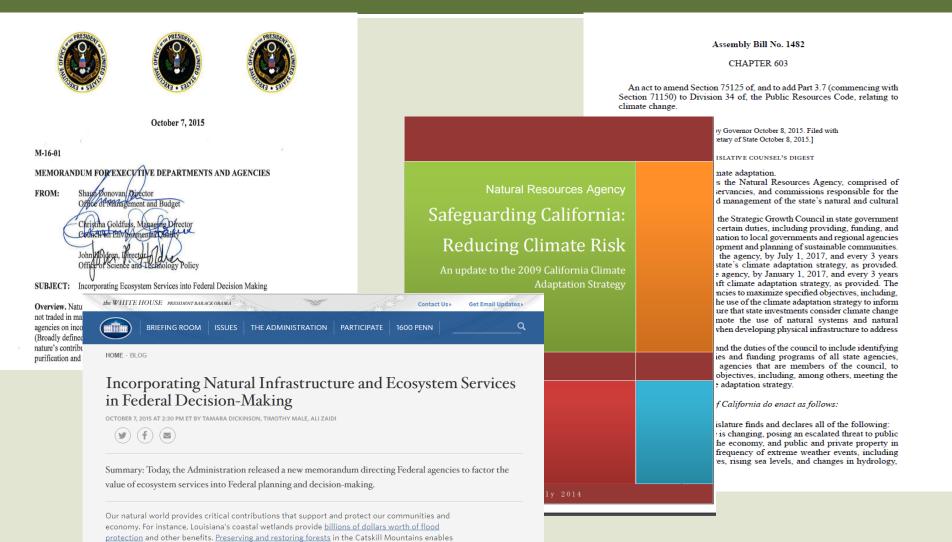
Responding to Impacts

Multiple Benefit Strategies to Combat Climate Change

### Natural Infrastructure in Policy

New York City to access clean water at a cost several times less than the cost of building a new water-filtration plant. And <u>current efforts to plant trees</u> along Oregon's salmon-rich rivers will improve local water quality – saving costs associated with installing expensive machinery to

achieve the same nurnose



5

### "Natural Infrastructure"

Natural infrastructure is the preservation and/or restoration of ecological systems, or utilization of engineered systems that use ecological processes, to increase resiliency to climate change and/or manage other environmental problems. This may include, but is not limited to, floodplain and wetland restoration or preservation, combining levees with restored ecological systems to reduce flood risk, and urban trees to mitigate high heat days. (SB 379)