Responding to Climate Change in California

Louis Blumberg

EESI

The Nature Conservancy
April 2, 2014



Warmest winter on record worsens California drought

BY LAILA KEARNEY

SAN FRANCISCO Tue Mar 18, 2014 1:26am EDT











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A sercret service agent looks over a farm field as President Barack Obama speaks to the media on California's drought situation in Los Banos, California February 14, 2014 file photo.



Solving Global Climate Change



Promoting a comprehensive suite of nature-based solutions

to Impacts



Climate Risk Reduction & Resilience









Climate Change Magnified Extreme Events



Reducing Climate Risk with Natural Infrastructure



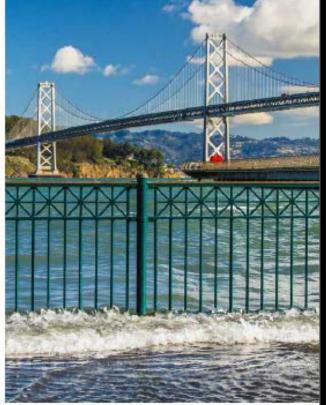
Yolo Bypass

- Reduce risk
- Clean water
- Fish wildlife habitat
- Recreation
- + Property values
- Avoid CO2 emissions





REDUCING CLIMATE RISKS WITH NATURAL INFRASTRUCTURE







Natural Infrastructure

- Works
- Cost effective
- Flexible
- Multiple benefits
- Builds community

Natural Resources Agency Safeguarding California: Reducing Climate Risk An update to the 2009 California Climate **Adaptation Strategy** Public Draft









































February 28, 2014

Ms. Ann C. Chan Deputy Secretary for Climate Change California Natural Resources Agency 1416 Ninth Street, Suite 1311 Sacramento, CA 95814

Re: Comments on the 2014 Draft Safeguarding California Plan

Dear Secretary Chan,

The Nature Conservancy, Defenders of Wildlife, National Wildlife Federation, Environmental Defense Fund, Natural Resources Defense Council, Audubon California, California Native Plant Society, Public Health Institute, Point Blue Conservation Science, Pepperwood Preserve, Council for Watershed Health, Save the Bay, Santa Clara Valley Open Space Authority, Land

Areas for Improvement

- SMART Actions
- Preference for natural infrastructure
- Hazard avoidance
- Integrate climate into standard business practice

Climate Smart Principles

- 1. Plan Ahead to Reduce Risk
- 2. Focus On Future
- 3. Prioritize Natural Infrastructure
- 4. Collaborate Across Sectors
- 5. Take Actions That Produce Multiple Benefits
- 6. Quantify GHG Emissions Reduced & Avoided
- 7. Employ Adaptive And Flexible Approaches

Our Legacy?



