



Alameda County & Cities Climate Forum

**CALIFORNIA
Climate Risk & Response**

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About Next 10

- Founded in 2003
- Independent, Nonpartisan, Nonprofit
- Focus: Budget, Infrastructure, Green Economy
- Commissions expert research to educate, engage and empower Californians
- Website: www.next10.org

Budget Challenge **CoolCalifornia.org** **Expert Research**

Index Senior Advisors

Ralph	Cavanagh	Natural Resources Defense Council
Michael	Hanemann	CA Climate Change Center, UC Berkeley
Hal	Harvey	The William & Flora Hewlett Foundation
Elliot	Hoffman	New Voice of Business
Van	Jones	Ella Baker Center
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Fran	Pavley	Assemblymember (2000-2006), Author AB 32
Wendy	Pulling	Pacific Gas & Electric Company
Carol	Whiteside	Great Valley Center
Tim	Woodward	Nth Power



California Climate Risk and Response

- Most Authoritative & Timely Climate Damage Science
- Translated to Seven Economic Sectors: Water, Energy, Transportation, Real Estate & Insurance, Agriculture, Tourism & Recreation, Public Health
- Assets at Risks & Damages
- IPCC Global Warming Scenarios



The Most Expensive Thing We Can Do Is Nothing

ECONOMIC DAMAGE AND ASSET RISK ESTIMATES FOR CALIFORNIA (2006 USD billions)

	Damage Cost/Year		Assets at Risk
	Low	High	
Water	NA	0.6	5
Energy	2.7	6.3	21
Tourism and Recreation	0.2	7.5	98
Real Estate	0.2	1.4	900 Water
	0.1	2.5	1600 Fire
Agriculture, Forestry, Fisheries	0.3	4.3	113
Transportation	NA	NA	500
Public Health	3.8	24.0	NA
TOTAL	7.3	46.6	



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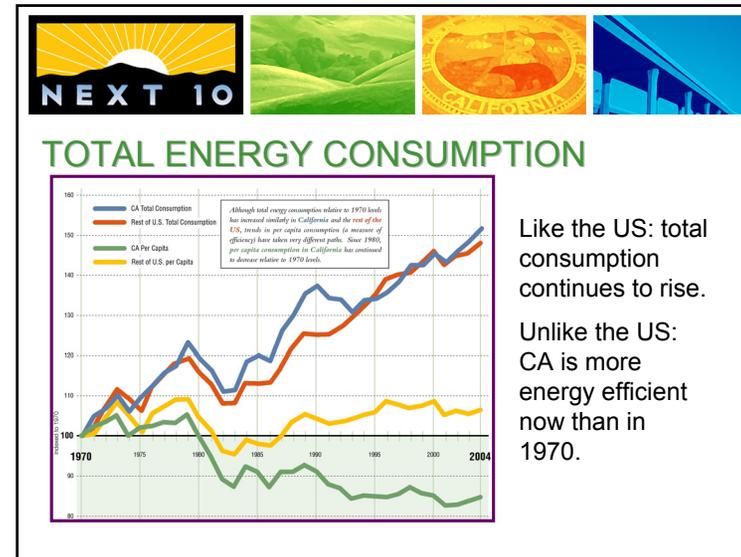
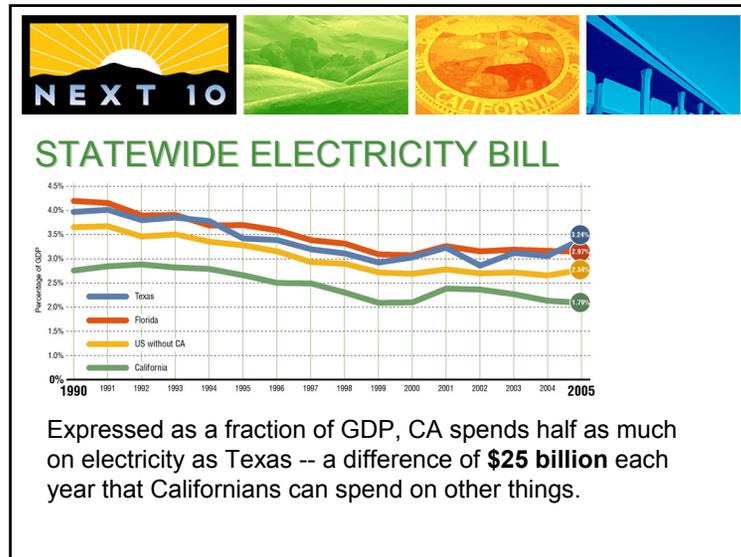



The Most Expensive Thing We Can Do Is Nothing




Smart Mitigation Is A Powerful Economic Stimulus

- 1972-2006 California Energy Efficiency Policies
- \$56 billion in consumer savings
- Redirected to Instate Goods & Services
- Generated 1.5 million fulltime jobs
- \$45 billion in payroll
- Just 1% annual increase in energy efficiency can generate over 400k jobs and \$76 billion GSP



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- Smart Proactive Planning & Policy Are Imperative**
- Expand technical assessment of climate risk and policy options
 - Strategically begin to re-deploy existing resources for infrastructure renewal and/or replacement
 - Provide incentives for private investment to promote long term adaptation, climate security and energy independence

