WCVC Climate Resilience Workshop
April 28, 2016
Purpose of Workshop
Overview of Agenda and Handouts
Overview of Climate Change Efforts in California
Local Efforts Including IRWM Plan
Next Steps
California Statewide Strategy

Research

Adaptation

Mitigation
Research

- Global and local
- Greenhouse Gas Emissions levels
- Sea level rise
- Forest health and fires
- Habitat and species
- Public health impacts
- Energy use and emissions
- Water demand
- Energy/water Nexus
- Soil moisture holding and water storage capacity
- Role of human behavior
- Integration of ecology and climate data at watershed scale
Mitigation

- Greenhouse Gas Emissions Reduction (GHG)
  - Cap and Trade funding to local vulnerable areas
  - Carbon sequestration
  - Evaluation of GHG impacts of projects
  - Factoring in risk to financial investments
- Changing behavior
- Changing technology
- Address cumulative impacts
- Requires action at all levels, all countries, all people
Adaptation for Resilience

- Infrastructure
- Behavior
- Policy
- Vulnerable populations
- Social solutions – not just science and technology
- Financing
- Local level solutions
Resilience Tools

- Cal-Adapt website and others
- Downscaled climate models
- On-line data portals
- Financing
- Outreach methods
- Land use practices and planning – General Plan
- Water demand management practices and planning
- Energy demand management practices and planning
- Collaborative studies and programs
Local Actions

- WCVC - IRWM Plan and watershed actions; Prop. 1-required amendments
- Ventura Regional Energy Alliance – Climate on the Move
- County’s Multi-Hazard Mitigation Plan
- Local and Regional Sea Level Rise Models/Studies
- Consideration of climate change in local land use and water planning
- Climate change considerations in project design and implementation
- Partnerships and collaboration
- Opportunity to consider climate change mitigation and adaptation in all decision-making
Upcoming Climate Change Forums

- September 6th – California Climate Change Symposium in Long Beach
- September 7-8th – California Adaptation Forum in Long Beach
In short...

GROWING MOUNTAIN OF CLIMATE CHANGE INFORMATION

ACCELERATING CHANGE
GREATER EXTREMES
BETTER MODELS
IMPACTS

MISINFORMATION
SELF INTEREST

THE GREAT WALL

WHAT CLIMATE CHANGE?
DON'T WORRY, WE'LL ADAPT!

BUSINESS

POLITICIANS
COME BACK WHEN IT'S A REAL PROBLEM!
DON'T TOUCH MY S.U.V.!
WHERE'S THE PROFIT?