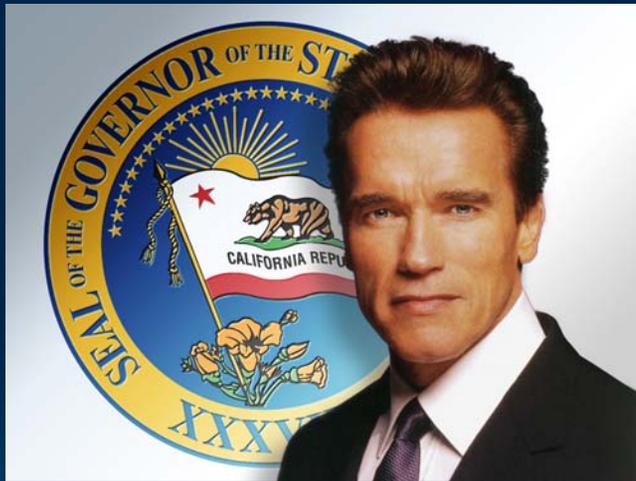


# Climate Change Modeling I

Tues Feb 28, 2006

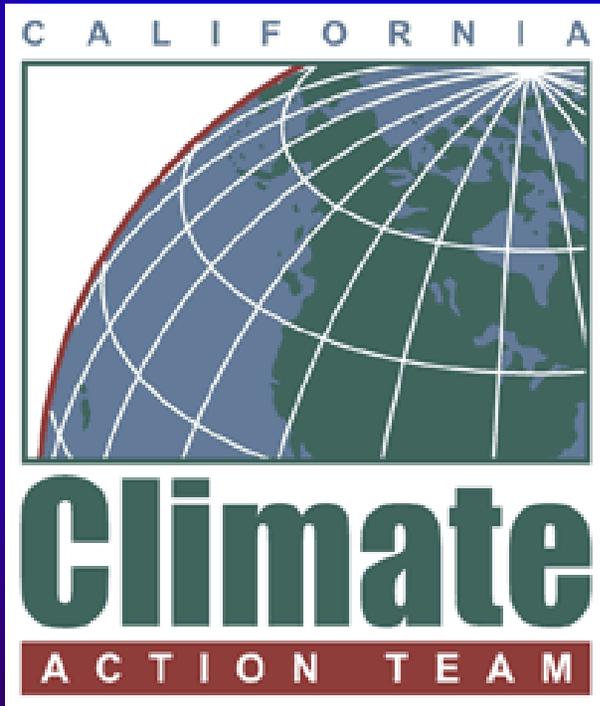
# Governor Arnold Schwarzenegger on Global Warming.....



**“I say the debate is over. We know the science. We see the threat. And we know the time for action is now.”**

**United Nations World Environment Day Conference, June 1,2005, San Francisco**

# Governor's Executive Order



- EO S-3-05 June 1, 2005
- Targets to reduce emission levels of Green House Gases
- Biennial reports starting Jan06
  - Water supply
  - Public health
  - Agriculture
  - CA coastline
  - Forestry
- Formed Climate Action Team

# Precipitation and Air Temperature Projections

Scenario/ Model	A2	B1
GFDL	 	 
PCM	 	 

Climate Action Team selected four scenarios  
2 models x 2 emissions scenarios

# Climate Change Modeling I

- SWP-CVP Impacts-Dan Easton DWR
- Delta Impacts-Jamie Anderson DWR
- Flood Management-Michael Anderson DWR
- Agricultural Water Impacts-  
Sebastian Vicuña UCB, David Purkey NHI  
and Brian Joyce NHI

# Climate Change Modeling II

Wed Mar 1 10:15-12:00 Oak Shelter

- California Mountain Hydrology-  
Ed Maurer Santa Clara University
- Extreme Droughts-Jay Lund UCD
- Climate Change Probabilities-  
Mike Dettinger Scripps/USGS
- Water and Power Operation Risks-  
Levi Brekke Reclamation

# Joint CWEMF/IEP Session

Wed Mar 1 2:40-4:00 Chapel

Progress on Incorporating Climate Change  
into Planning and Management of  
California's Water Resources-  
Francis Chung DWR

## Poster Session

Tues Feb 28 7:00-10:00 Fred Farr Forum

Various climate change posters

[www.climatechange.ca.gov](http://www.climatechange.ca.gov)