

# Water Availability

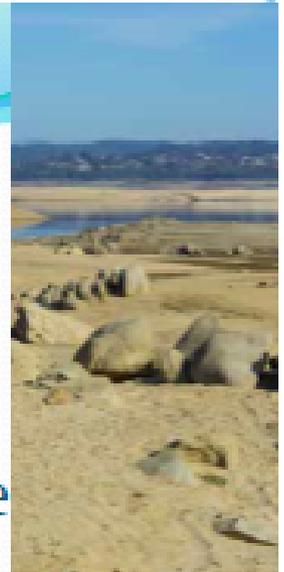
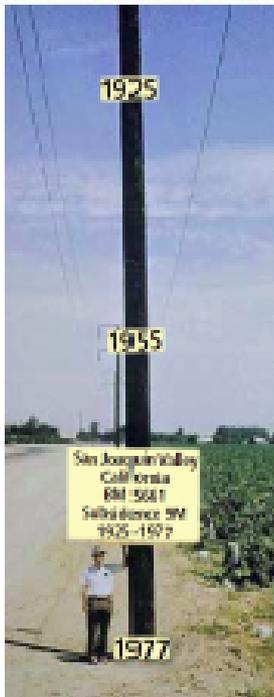
- **Renewable water**
  - Upper limit of water availability
- **Water in the environment**
  - Water remaining after human uses
- **Water use sustainability**
  - Degree to which water use meets current needs while protecting ecosystems and the interests of future generations



# A System in Crisis

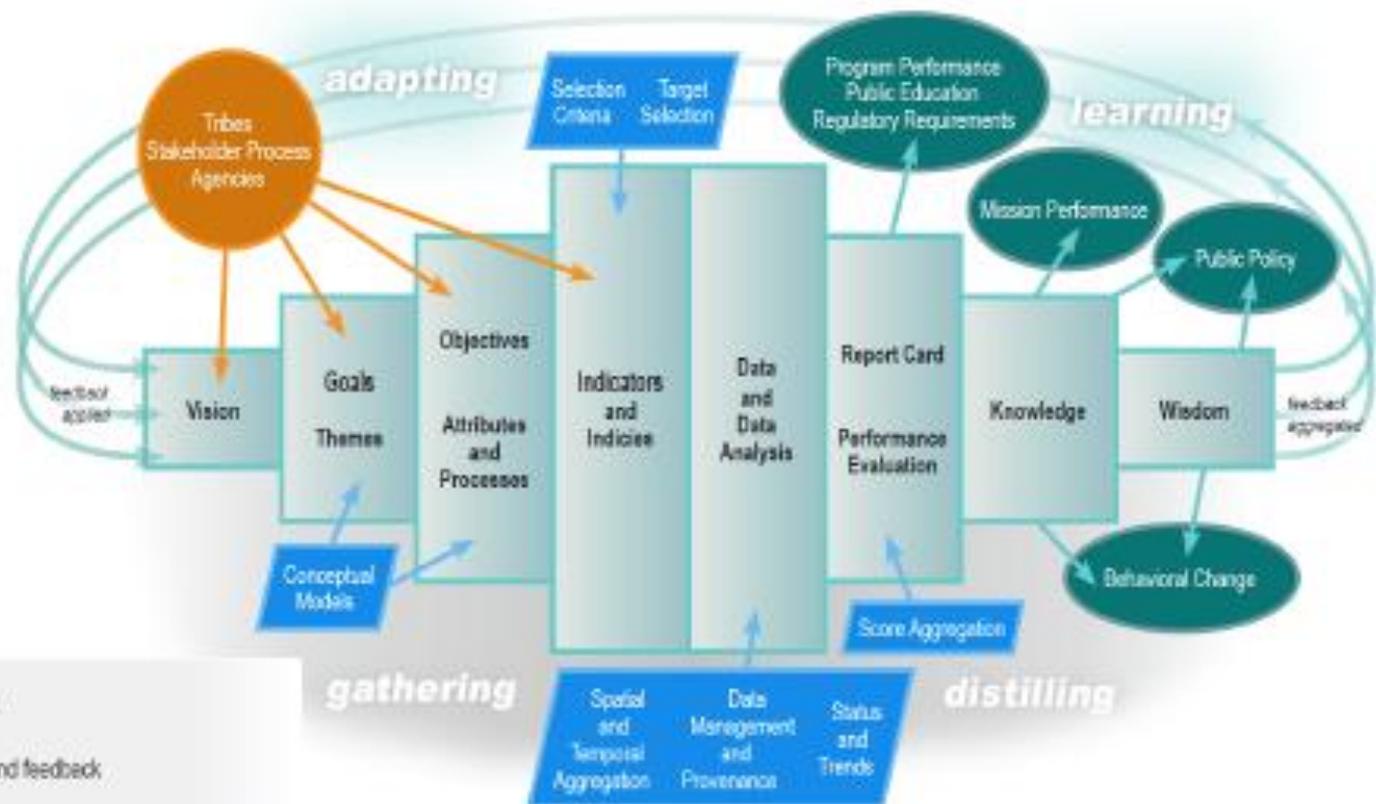
## Reduced Prosperity for Future Generations

- Greater Drought Impacts - Unreliable Water Supplies
- Increasing Flood Risk
- Groundwater Depletion and Subsidence
- Degraded Water Quality
- Declining Environmental Conditions
- Aging Infrastructure

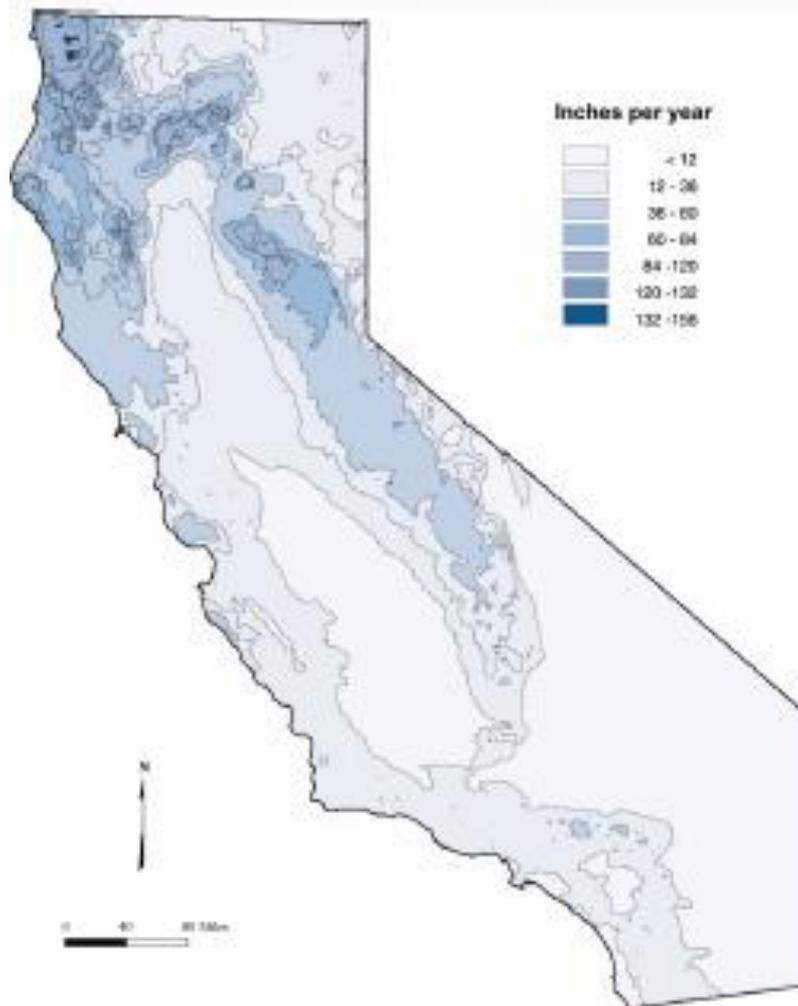


*Low water level at Folsom Lake (January 2014)*

# Sustainability Indicator Framework



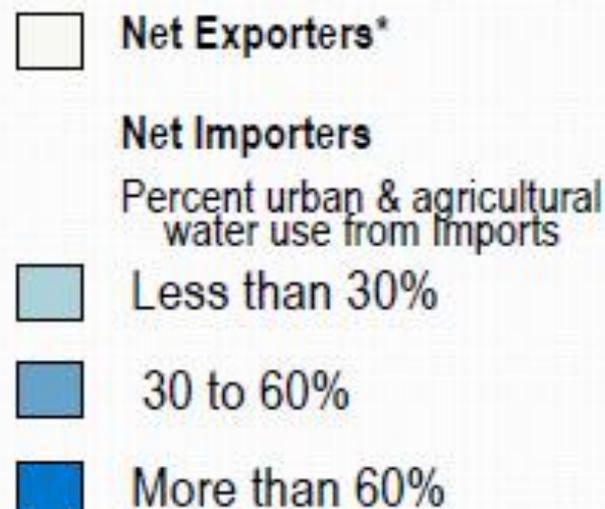
# California Water



Mean annual precipitation in California, 1951 to 1990



## Population centers rely heavily on water imported from other regions



\* While the Colorado River is a net exporter of water within California, its main source of water is imported from the Upper Colorado Basin

# Three Themes

- Commit to Integrated Water Management
- Strengthen Government Agency Alignment
- Invest in Innovation and Infrastructure

## **Integrated Water Management**

System flexibility and resiliency  
Advocacy from implementers and financiers  
Delivery of benefits using fewer resources

## **Government Agency Alignment**

Clarification of state roles  
Reduction in implementation time and costs  
Efficient achievement of multiple objectives

## **Investment in Innovation and Infrastructure**

Stable and strategic funding  
Priority-driven funding decisions  
Equitable and innovative finance strategies



# Sustainability requires

- Systems Thinking & a Holistic Approach
- Awareness of Time Horizons, Scales, Trajectories
- Managing Risk & Uncertainty
- New Tools
- Common Ground for Solutions
- Continuous Education

# Contact Information

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