

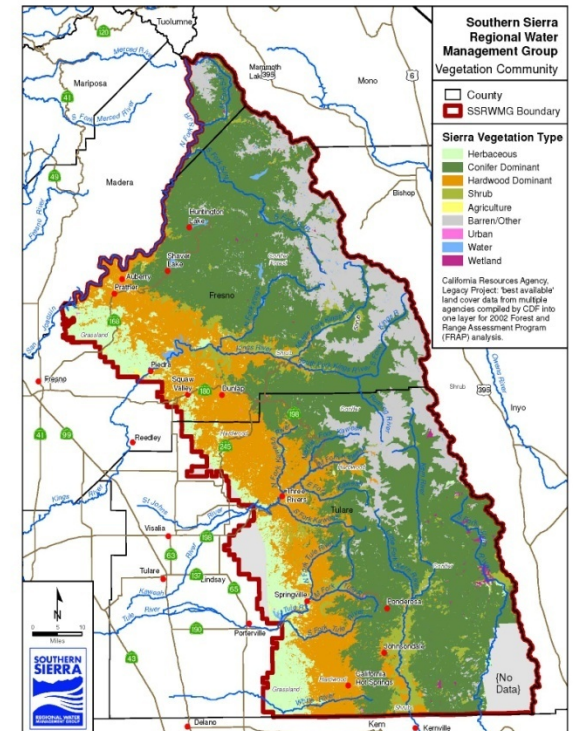
# SOUTHERN SIERRA REGIONAL WATER MANAGEMENT

Plan Briefing



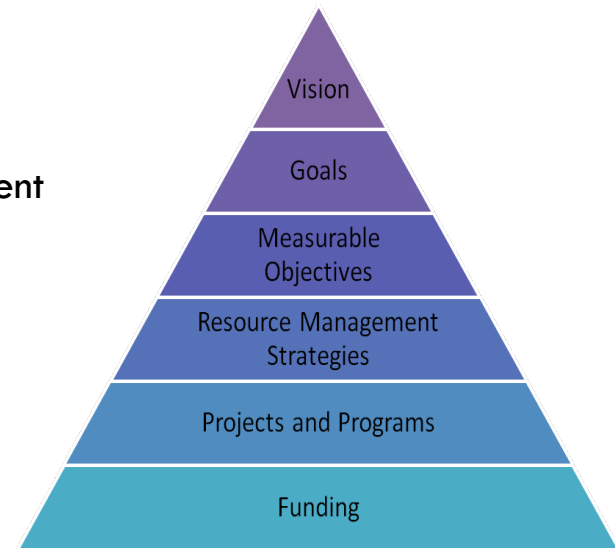
# Region Description

- Largest Chapter in IRWMP
- Provides general regional description of IRWMP area (only a few details of individual entities provided)
- Provides background information to help inform decisions and planning
- Topics addressed include:
  - ▣ Watersheds
  - ▣ Water Supply/Demands
  - ▣ Water Quality
  - ▣ Biological/Environmental Issues
  - ▣ Social/Cultural Makeup
  - ▣ Membership
  - ▣ Boundaries



# Regional Goals and Objectives

- Regional Goals and Objectives developed through collaborative process
- 6 Main Goals:
  1. Improve Water Supply Management
  2. Protect and Improve Water Quality
  3. Perform Integrated Flood Management
  4. Improve Watershed and Environmental Resource Management
  5. Expand Stakeholder Education
  6. Protect Unique/Important Environmental Resources
- Each Goal has 4 to 6 Measurable Objectives
- Six goals considered co-equal
- Objectives ranked (low, medium, high) through public survey



# Objectives

- **1 - Improve Water Supply Management**
- Enhance natural water storage
- Increase understanding of water balance
- Increase capacity of water storage facilities
- Improve water use efficiency
- Mitigate and adapt to climate change impacts on water resources
- Promote sustainable water supplies for new human developments

# 2 - Protect and Improve Water Quality

- Protect natural water bodies
- Promote water quality best management practices
- Reduce erosion and sedimentation
- Promote storm water management planning and implementation
- Assess water quality of small water systems
- Study septic system impacts

### **3 - Perform Integrated Flood Management**

- Address climate change impacts from flooding

□ Integrate flood management with other activities

- Protect/restore floodplain connectivity
- Increase water storage capacity

### **4 - Improve Watershed and Environmental Resource Management**

- Promote water quality best management practices
- Manage vegetation to reduce fire risk
- Reduce erosion and sedimentation
- Promote natural water storage
- Protect and restore floodplain connectivity

# 5 - Expand Stakeholder Education

- Perform community education on water issues
- Increase outreach to Native American Tribes
- Create and distribute water management best practices
- Increase outreach to disadvantaged communities
- Create RWMG website

# 6 - Protect Unique/Important Environmental Resources

- Protect areas with high value to water storage and groundwater recharge
- Protect areas with high value to water quality protection and remediation
- Protect areas with high value to other water resources issues
- Enhance water management in already protected areas



# Resource Management Strategies

- **Resource Management Strategy:** A project, program or policy that helps local agencies and governments manage their water and related resources (or simply ‘water and land management strategies’)
- 37 strategies evaluated → 32 applicable to area
- Examples:
  - Urban water conservation
  - Watershed management
  - Rainfed agriculture
  - Matching water quality to use
  - Drought planning
  - etc.

# Project Review Process

- ❑ Project must be on official list to be considered for funding
- ❑ Project must be consistent with at least one goal/objective
- ❑ Detailed process for selecting projects for grant applications
- ❑ Preliminary work recommended
- ❑ Pre-application required

