



# Antelope Valley IRWM

Stakeholder Group Meeting  
City of Palmdale



Presenter:  
Brian Dietrick, P.E.

February 7, 2018

# Agenda

1. Project Prioritization and Submittal
2. IRWMP Basic and Full Update Status
3. Stormwater Resources Plan



# Project Prioritization uses scoring

Criterion	Conceptual	Implementation	Scoring
General Information	Project description, location, and general info	Project description, location, and general info	---
Prelim. Economic Analysis	No	Yes	---
Project Benefits	At least one benefit	At least one benefit	3 pts = good justification 2 pts = fair justification 1 pt = poor justification
IRWMP Objectives	At least one	At least one	1 pt per Objective
Resource Mgmt. Strategies	At least one	At least one	1 pt per RMS
DAC/Tribal/Env. Justice	Sufficient information	Sufficient information	Yes = 3 pts No = 0 pts
Project Costs	Sufficient information for level of design	Sufficient information for level of design	---
Technically Feasible	At least one supporting document	At least one supporting document	---
Readiness to Proceed	Status clearly defined	Status clearly defined	---
Climate Change	Sufficient information	Sufficient information	---

# Updates to Region Objectives and Resource Management Strategies (RMS)

- Objectives
  - Reduce negative impacts of stormwater, urban runoff, and nuisance water, *and adapt to climate change impacts in the future*
- RMS
  - *Sediment Management* – protects sediment as a valuable natural resource
  - *Outreach and Engagement* – facilitates contribution by public individuals
  - *Water and Culture* – links cultural considerations to water management

# An example of Project Prioritization scoring

## Antelope Valley Regional Conservation Project

### Old IRWMP Guidelines

Benefits 10

Objectives 5

RMS 6

DAC 3

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**Total Score 24**

### New IRWMP Guidelines

Benefits 10

Objectives 5

RMS 8

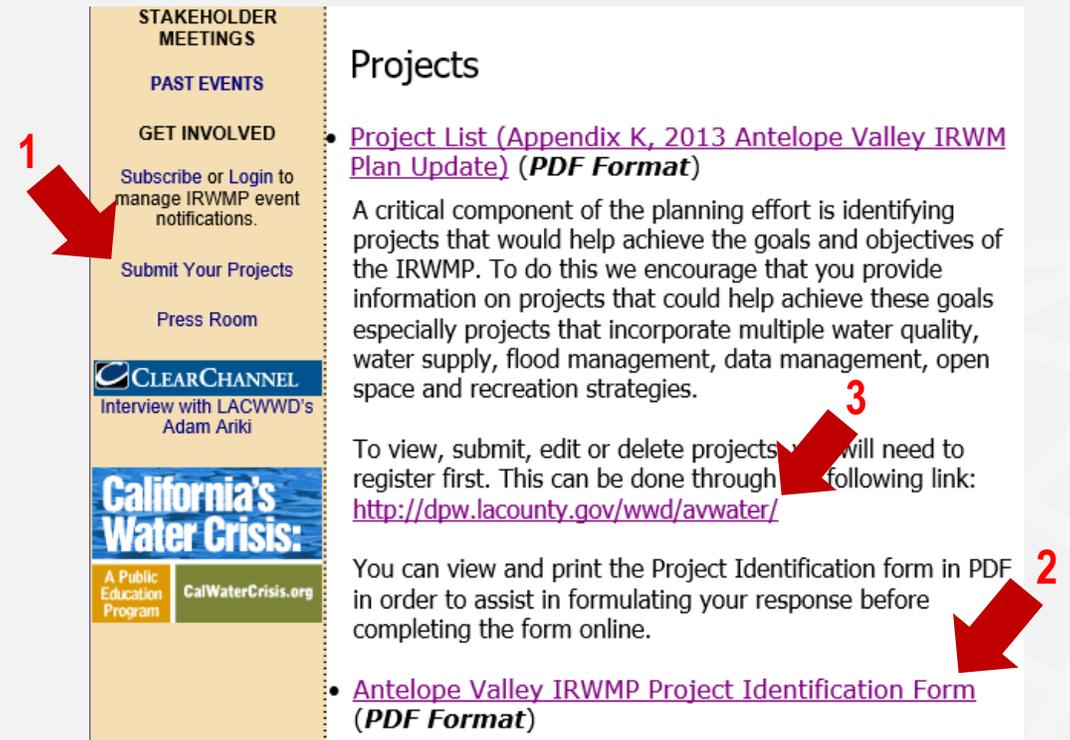
DAC 3

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**Total Score 26**

# Project Submittal is easy

- <http://avwaterplan.org/>
  - Click “Submit Your Projects”
  - Access and complete “Antelope Valley IRWMP Project Identification Form” (PDF document)
  - Register to view, submit, edit, or delete projects online



The screenshot shows the website's navigation menu on the left and the main content area on the right. A red arrow labeled '1' points to the 'Submit Your Projects' link in the 'GET INVOLVED' section of the menu. A red arrow labeled '2' points to the 'Antelope Valley IRWMP Project Identification Form (PDF Format)' link in the 'Projects' section. A red arrow labeled '3' points to the registration link 'http://dpw.lacounty.gov/wwd/avwater/' in the 'Projects' section.

**STAKEHOLDER MEETINGS**

**PAST EVENTS**

**GET INVOLVED**

Subscribe or Login to manage IRWMP event notifications.

**Submit Your Projects**

Press Room

**CLEAR CHANNEL**  
Interview with LACWWD's Adam Ariki

**California's Water Crisis:**  
A Public Education Program  
CalWaterCrisis.org

**Projects**

- [Project List \(Appendix K, 2013 Antelope Valley IRWMP Plan Update\) \(PDF Format\)](#)

A critical component of the planning effort is identifying projects that would help achieve the goals and objectives of the IRWMP. To do this we encourage that you provide information on projects that could help achieve these goals especially projects that incorporate multiple water quality, water supply, flood management, data management, open space and recreation strategies.

To view, submit, edit or delete projects you will need to register first. This can be done through the following link: <http://dpw.lacounty.gov/wwd/avwater/>

You can view and print the Project Identification form in PDF in order to assist in formulating your response before completing the form online.

- [Antelope Valley IRWMP Project Identification Form \(PDF Format\)](#)

# Basic and Full Plan Update

	Basic Update	Full Update
Introduction	<ul style="list-style-type: none"> <li>• Native American Tribal communities</li> <li>• Stakeholder involvement</li> </ul>	<ul style="list-style-type: none"> <li>• Basin adjudication information</li> <li>• Population projections</li> <li>• DAC updates</li> <li>• SNMP update</li> </ul>
Region Description	<ul style="list-style-type: none"> <li>• Water quality and contamination</li> </ul>	<ul style="list-style-type: none"> <li>• Basin adjudication information</li> <li>• Population projections</li> <li>• DAC updates</li> <li>• SNMP update</li> </ul>
Issues and Needs	<ul style="list-style-type: none"> <li>• Water quality and contamination</li> <li>• Climate change adaptation and mitigation strategies from local plans</li> <li>• Climate change vulnerabilities</li> <li>• Climate change impacts on runoff</li> </ul>	<ul style="list-style-type: none"> <li>• Water supply and demand</li> <li>• Water Quality</li> <li>• Flood Management</li> <li>• Environmental Resources</li> <li>• Land use</li> <li>• DAC needs</li> </ul>

# Basic and Full Plan Update

	Basic Update	Full Update
Objectives	<ul style="list-style-type: none"> <li>• Climate change impacts on runoff, recharge, and supply reliability</li> <li>• Climate change mitigation and adaptation</li> </ul>	<ul style="list-style-type: none"> <li>• Adjudication impacts on objectives</li> <li>• Planning targets</li> <li>• Planning metrics</li> </ul>
RMS	<ul style="list-style-type: none"> <li>• Sediment management</li> <li>• Outreach and engagement</li> <li>• Water and culture</li> </ul>	<ul style="list-style-type: none"> <li>• Adjudication impacts on RMS</li> </ul>
Project Integration and Evaluation	<ul style="list-style-type: none"> <li>• Project list</li> </ul>	<ul style="list-style-type: none"> <li>• Project list</li> <li>• Project prioritization criteria</li> <li>• SWRP?</li> </ul>
Implementation	<ul style="list-style-type: none"> <li>• Demonstrate collaboration with regional land use planning</li> </ul>	<ul style="list-style-type: none"> <li>• Performance measures</li> <li>• Project specific monitoring plans</li> <li>• Governance structure</li> <li>• IRWMP relationship to local planning documents</li> <li>• Data management and existing monitoring efforts</li> </ul>



# Stormwater Resources Plan

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- Stormwater Resources Plan needed for stormwater and dry weather runoff capture projects
- Number of stormwater-related projects currently in the IRWMP
  - 1 Implementation project
  - ~ 10 Conceptual projects

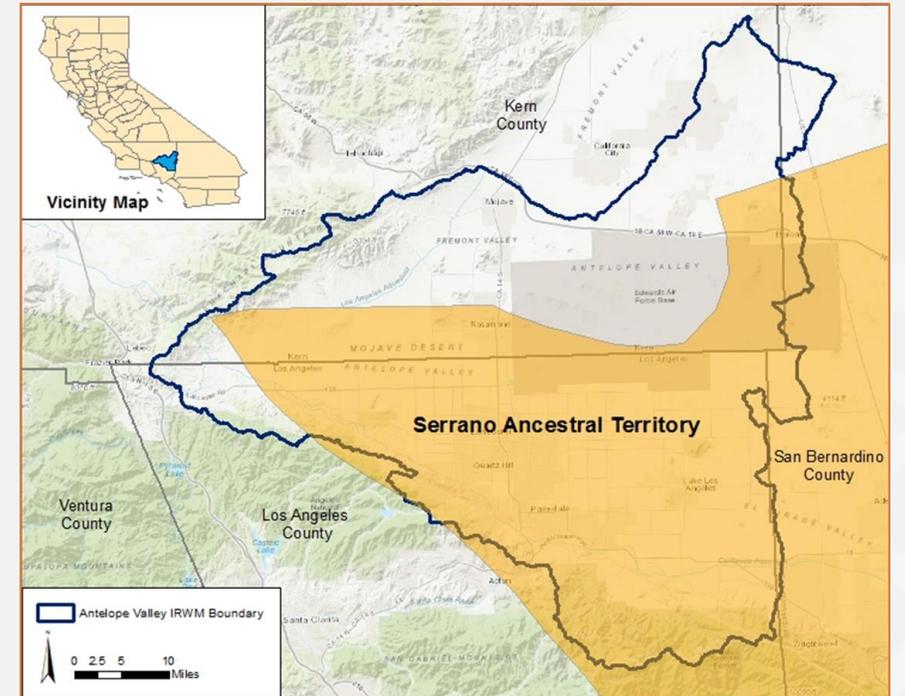
# Introduction

2016 IRWMP  
Update

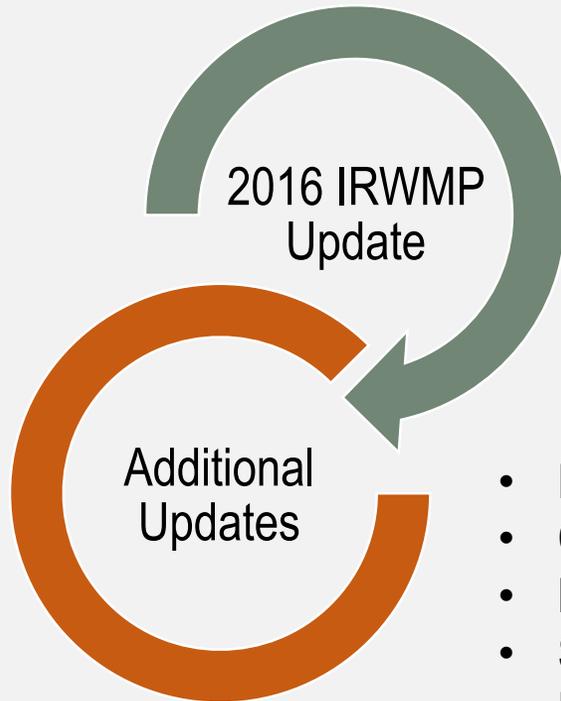
- Native American Tribal communities
- Stakeholder involvement

Additional  
Updates

- Basin adjudication information
- Population projections
- DAC updates
- SNMP update



# Region Description

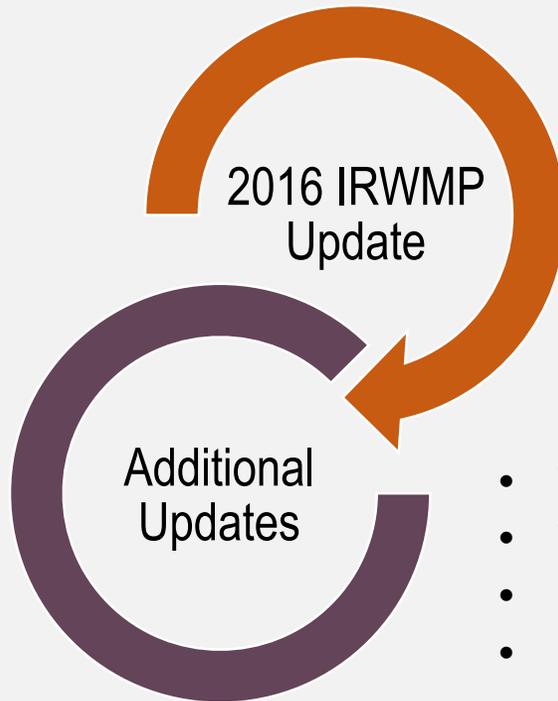


- Water quality and contamination

- Region overview
- Climate
- Land use
- Social and cultural values
- Economic conditions
- Population projections
- Climate change impacts



# Issues and Needs

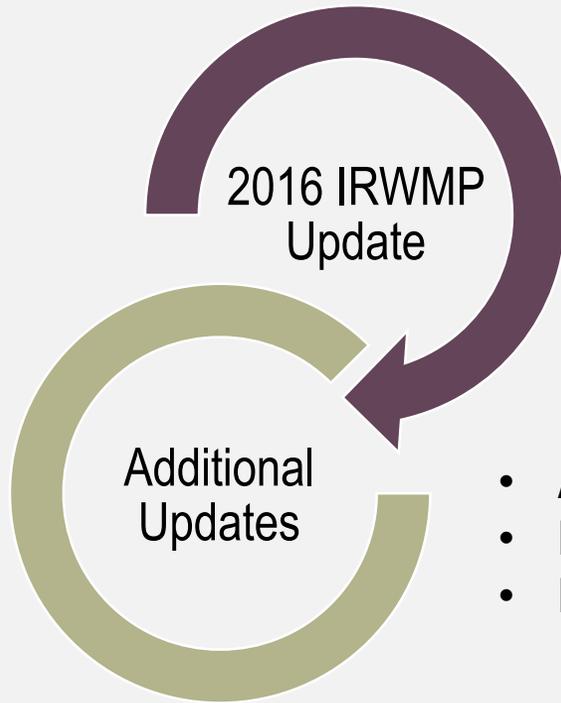


- Water quality and contamination
- Climate change adaptation and mitigation strategies from local plans
- Climate change vulnerabilities
- Climate change impacts on runoff

- Water supply and demand
- Water Quality
- Flood Management
- Environmental Resources
- Land use
- DAC needs



# Objectives

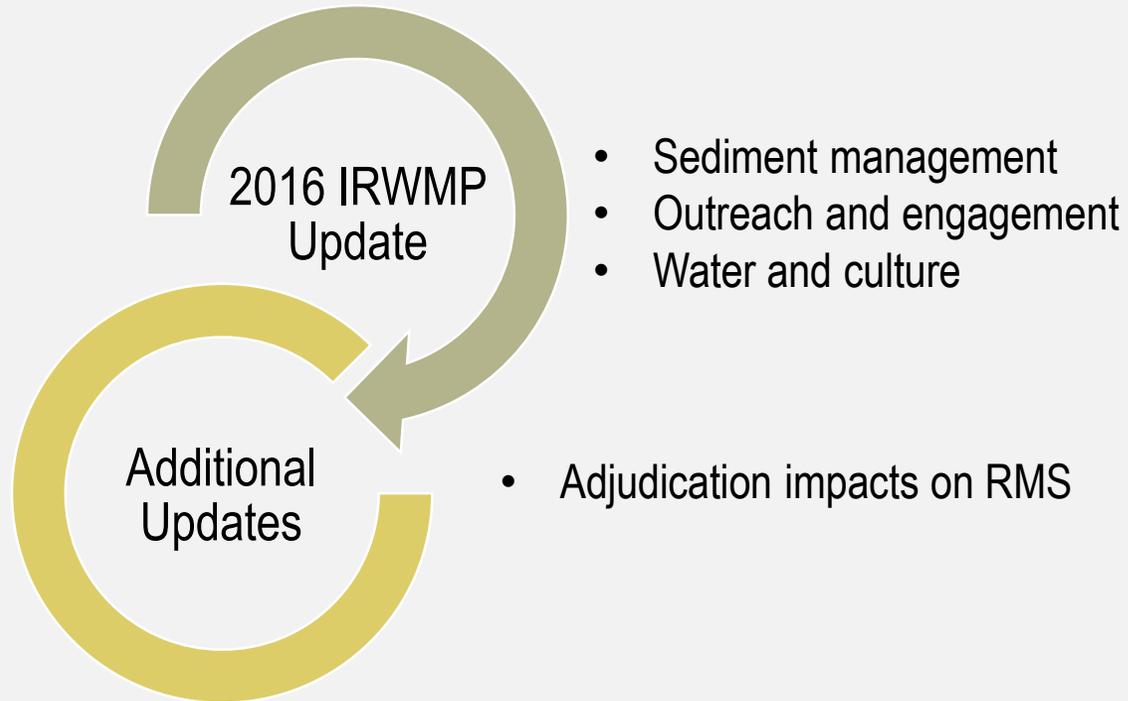


- Climate change impacts on runoff, recharge, and supply reliability
- Climate change mitigation and adaptation

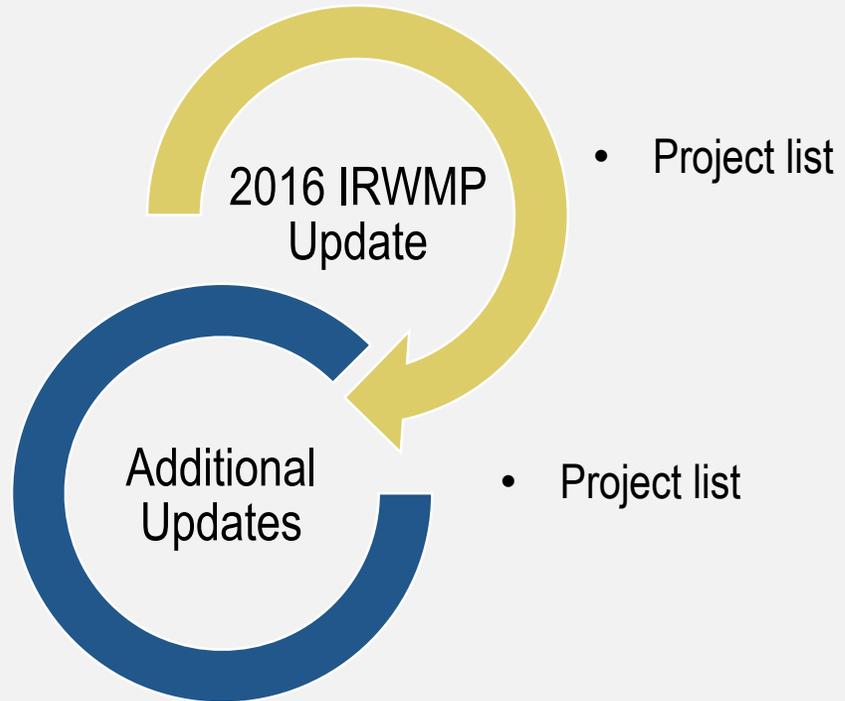
- Adjudication impacts on objectives
- Planning targets
- Planning metrics



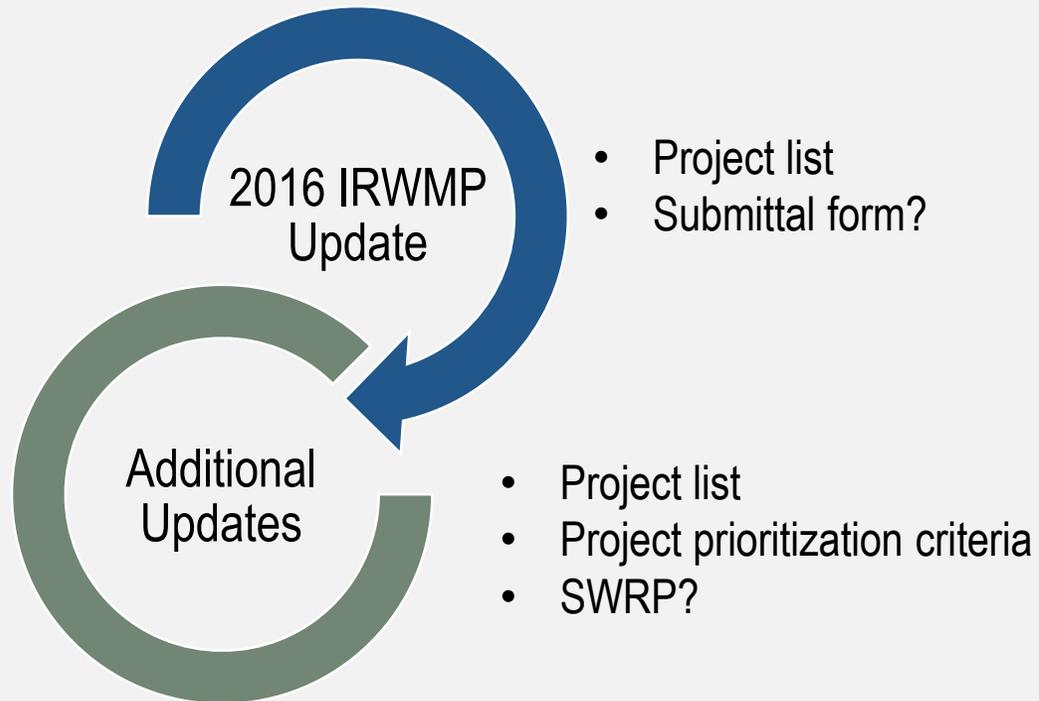
# Resource Management Strategies



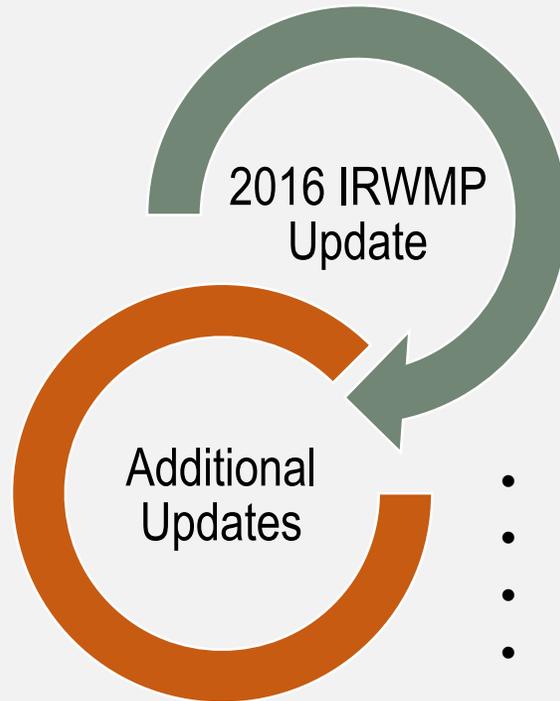
# Project Integration



# Project Evaluation



# Implementation



- Demonstrate collaboration with regional land use planning

- Performance measures
- Project specific monitoring plans
- Governance structure
- IRWMP relationship to local planning documents
- Data management and existing monitoring efforts

