

# **Regional Report**

**South Coast**

**Hydrologic Region**

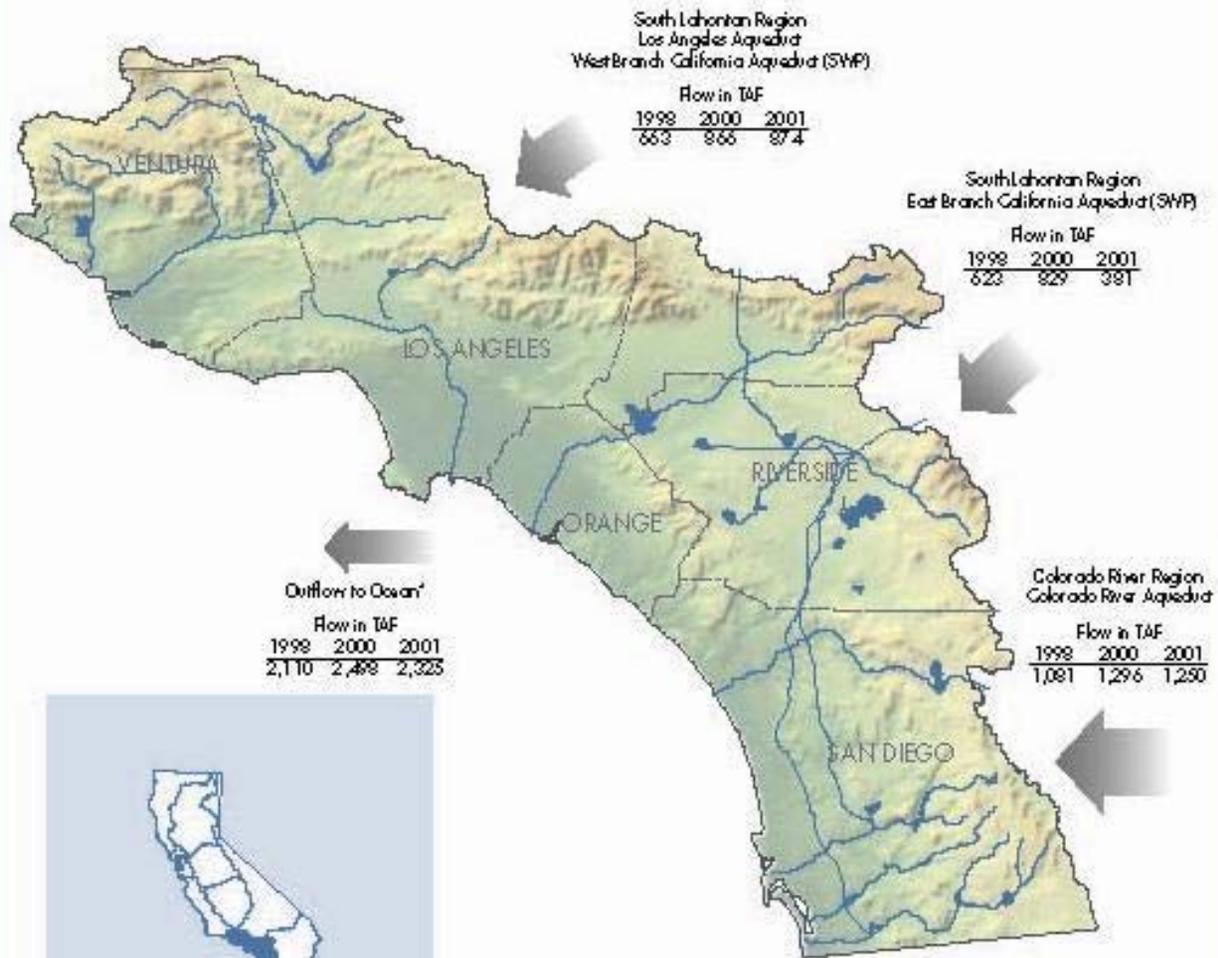
**California Water Plan**

**Update 2009**

**Regional Workshop**

**March 6, 2008 – San Diego, CA**





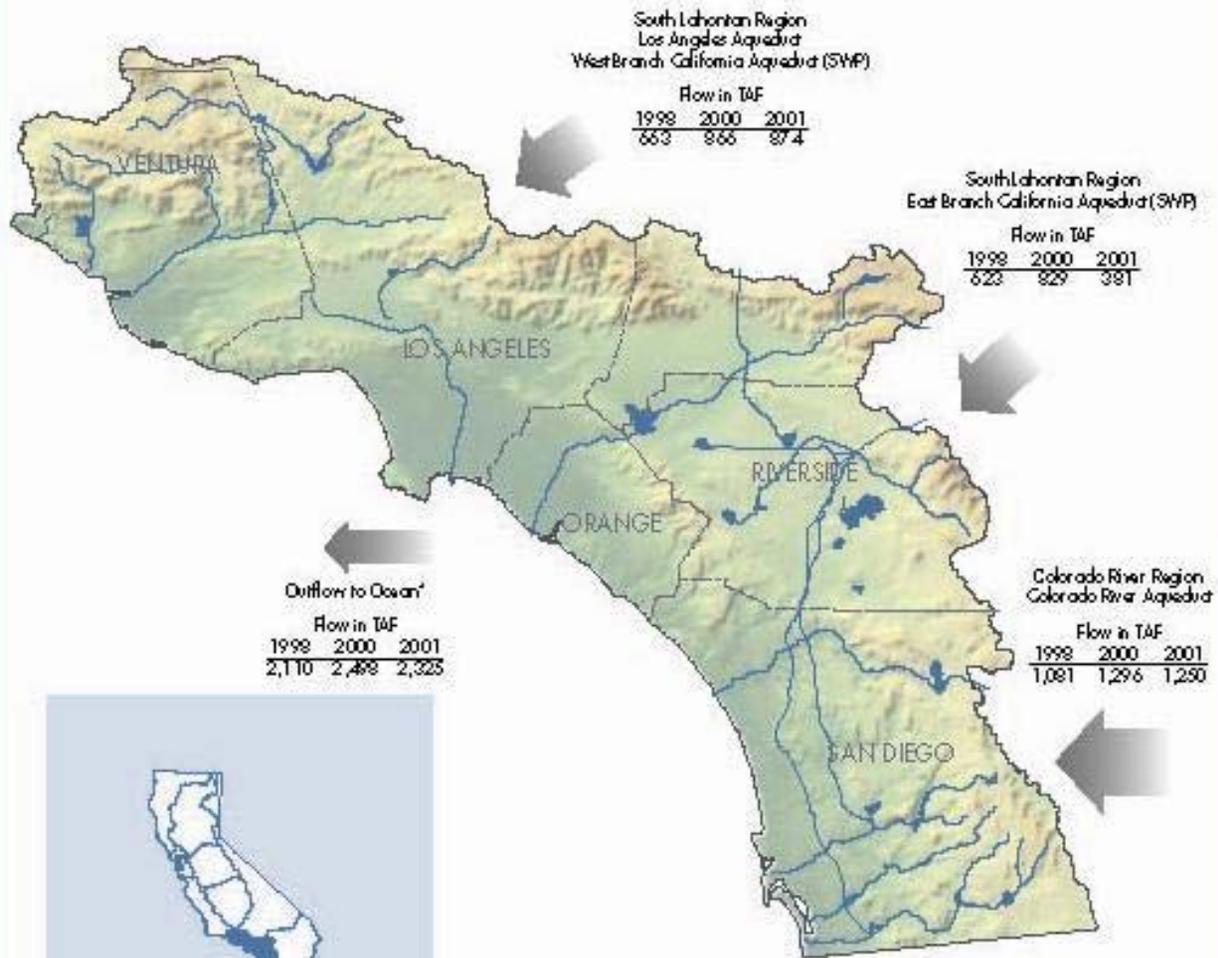
**Some Statistics**

- Area - 110,925 square miles (6.9% of State)
- Average annual precipitation - 17.6 inches
- Year 2005 population - 25,708,000
- 2030 population projection - 23,827,075
- Total reservoir storage capacity - 3,059 TAF
- 2005 irrigated crop area - 240,000 acres

## SOUTH COAST REGION

**A SUMMARY OF THEMES SPECIFIC TO THE  
SOUTH COAST HYDROLOGIC REGION  
(MWD Los Angeles 07/25/07)**

- Addition of regulatory setting.**
- IRWM/FloodSAFE**
- Groundwater Management**
- Conservation.**
- Groundwater Contamination**
- Recycled Water – Desalination, Gray Water,  
Stormwater**
- Preparedness for Drought**



Some Statistics

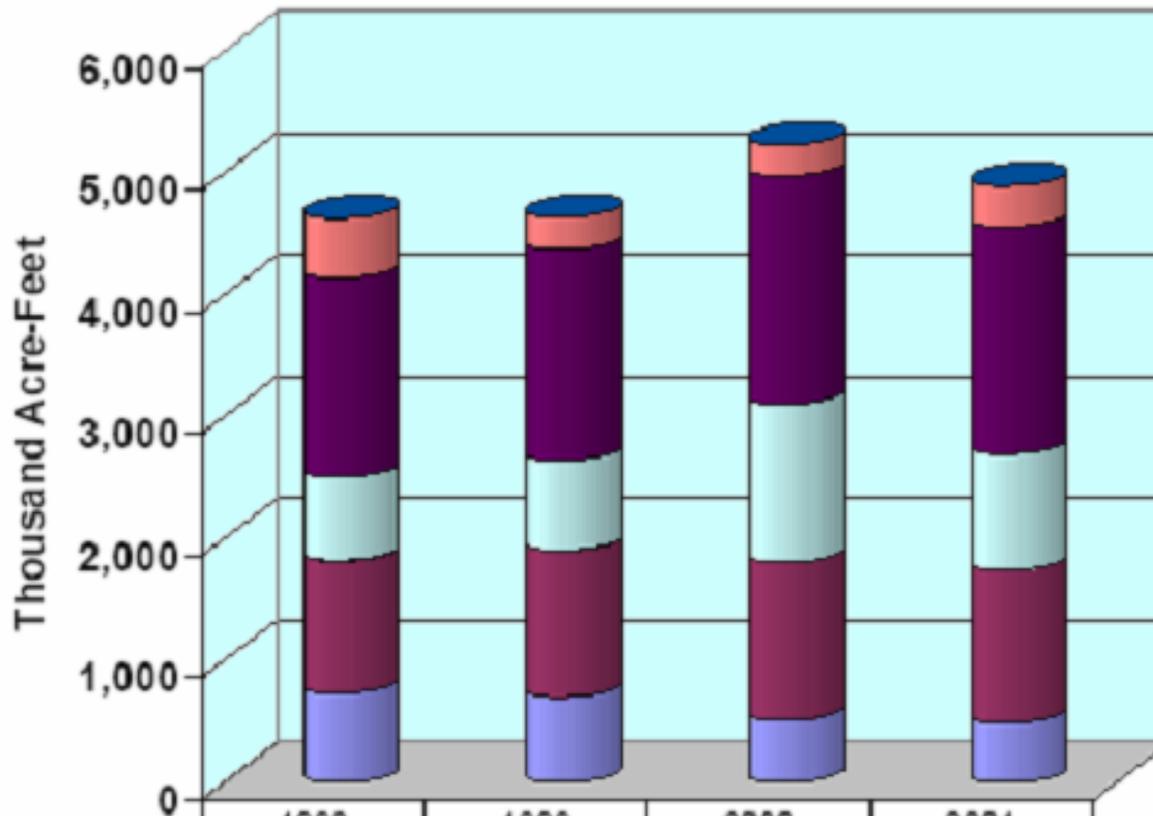
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## SOUTH COAST REGION

# Population in Thousands

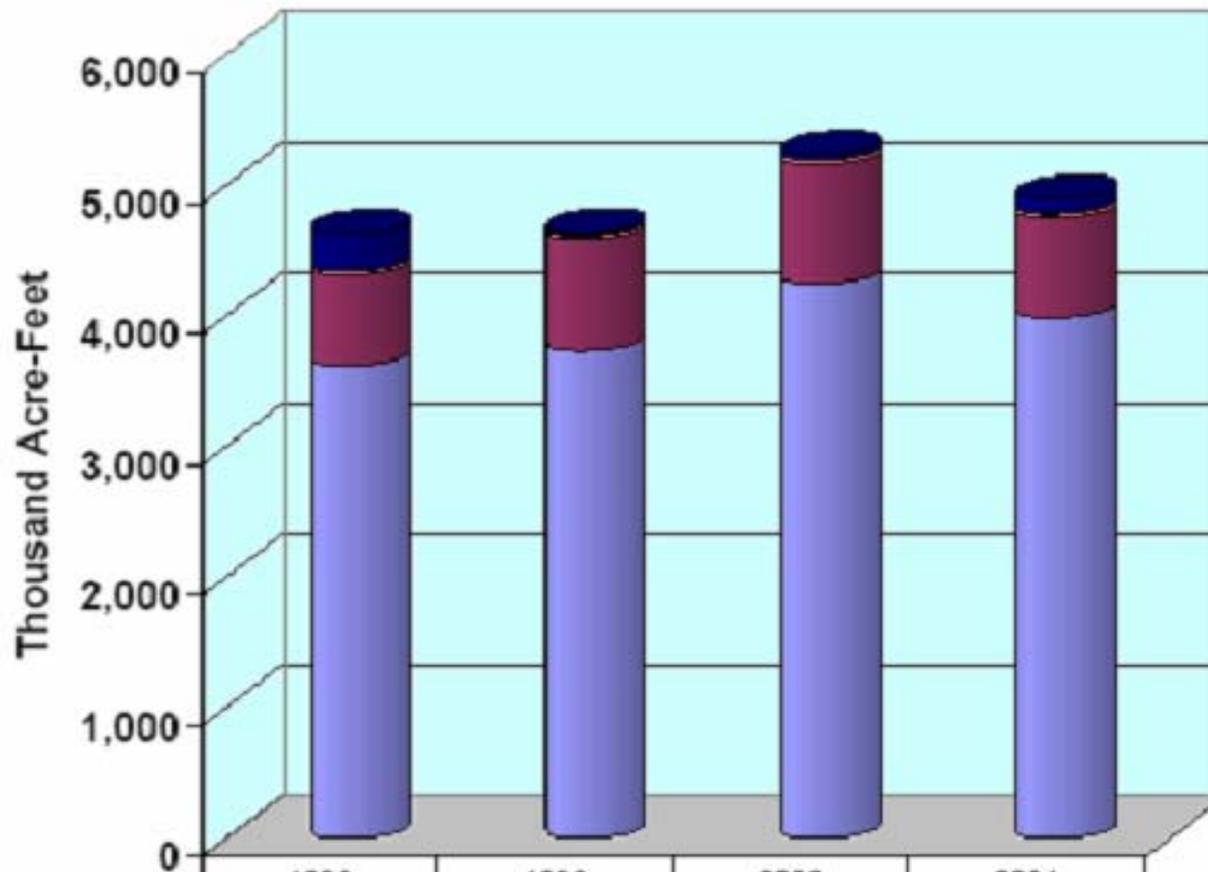
<b>COUNTY</b>	<b>2000</b>	<b>2030</b>
Los Angeles	9,579	11,920
Orange	2,894	3,705
Riverside	1,559	3,507
San Bernardino	1,722	2,959
San Diego	2,836	3,951
Ventura	756	1,050

## South Coast Region Dedicated Supply for 1998 through 2001



	1998	1999	2000	2001
■ Dedicated Environ	-	-	-	-
■ Reuse & Recycle	492	267	258	337
■ Ground Water	1,632	1,730	1,873	1,862
■ State Project	688	739	1,300	959
■ Federal Projects	4	1	1	0
■ Colorado Project	1,081	1,201	1,296	1,251
■ Local Projects	734	701	505	489

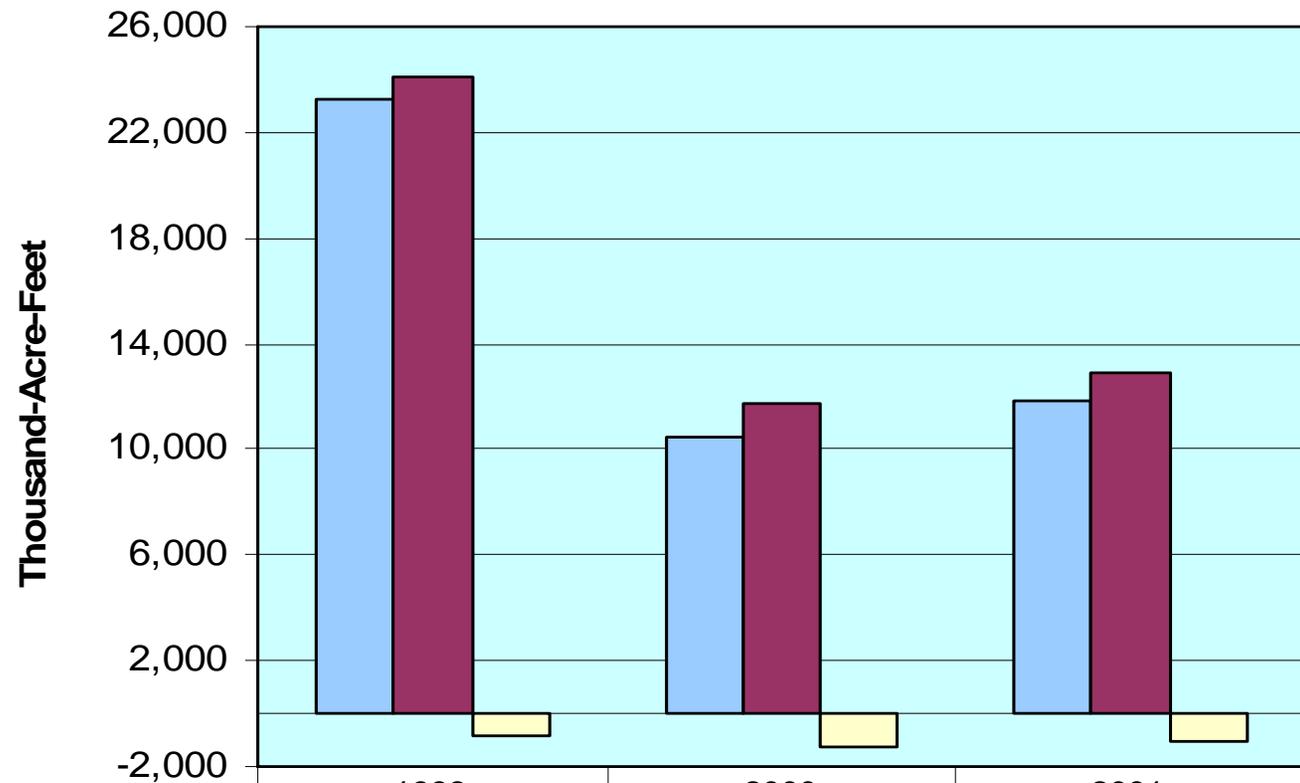
## South Coast Region Applied Water for 1998 through 2001



	1998	1999	2000	2001
■ Wild & Scenic R.	284	19	34	108
□ Instream Flow	4	4	4	4
■ Req Delta Outflow	0	0	0	0
■ Managed Wetlands	31	31	38	37
■ Irrigated Agriculture	692	849	908	758
■ Urban	3,621	3,736	4,249	3,990

# Balance Summary

## South Coast Region Water



	1998	2000	2001
Water Entering the Region	23,240	10,513	11,832
Water Leaving the Region	24,092	11,758	12,900
Storage Changes in the Region	-852	-1,245	-1,068

# **Regional Water Management Planning**

- **California Water Plan**
- **Integrated Regional Water Management Plans**
- **City & County General Plans (SB221/610)**
- **Court actions**
- **Other regional and sub-regional plans on water rights, water quality, ESA, contracts/transfers, and flood control**
- **Several regional, governmental, and water purveyors responding to planning, funding, implementation and O&M responsibilities**

# **Accomplishments in South Coast Region**

- **Grant funding has been available under AB 303, Prop 13 and Prop 50**
- **MWD built Diamond Valley Lake**
- **San Diego County Water Authority completed Olivenhein Reservoir**
- **MWD, SDCWA IID and Coachella Valley Water District signed the Quantification Settlement Agreement**
- **Other accomplishments (we are looking for information)**

# **Interregional Relationships**

- **Interstate and International Water Issues**
  - **Colorado River Water Supply Shortage**
- **Mono – Owens Issues**
- **Water Supply Agreements Between MWDSC and Other Agencies**
- **Quantification Settlement Agreement**

# **South Coast Region Looking to the Future**

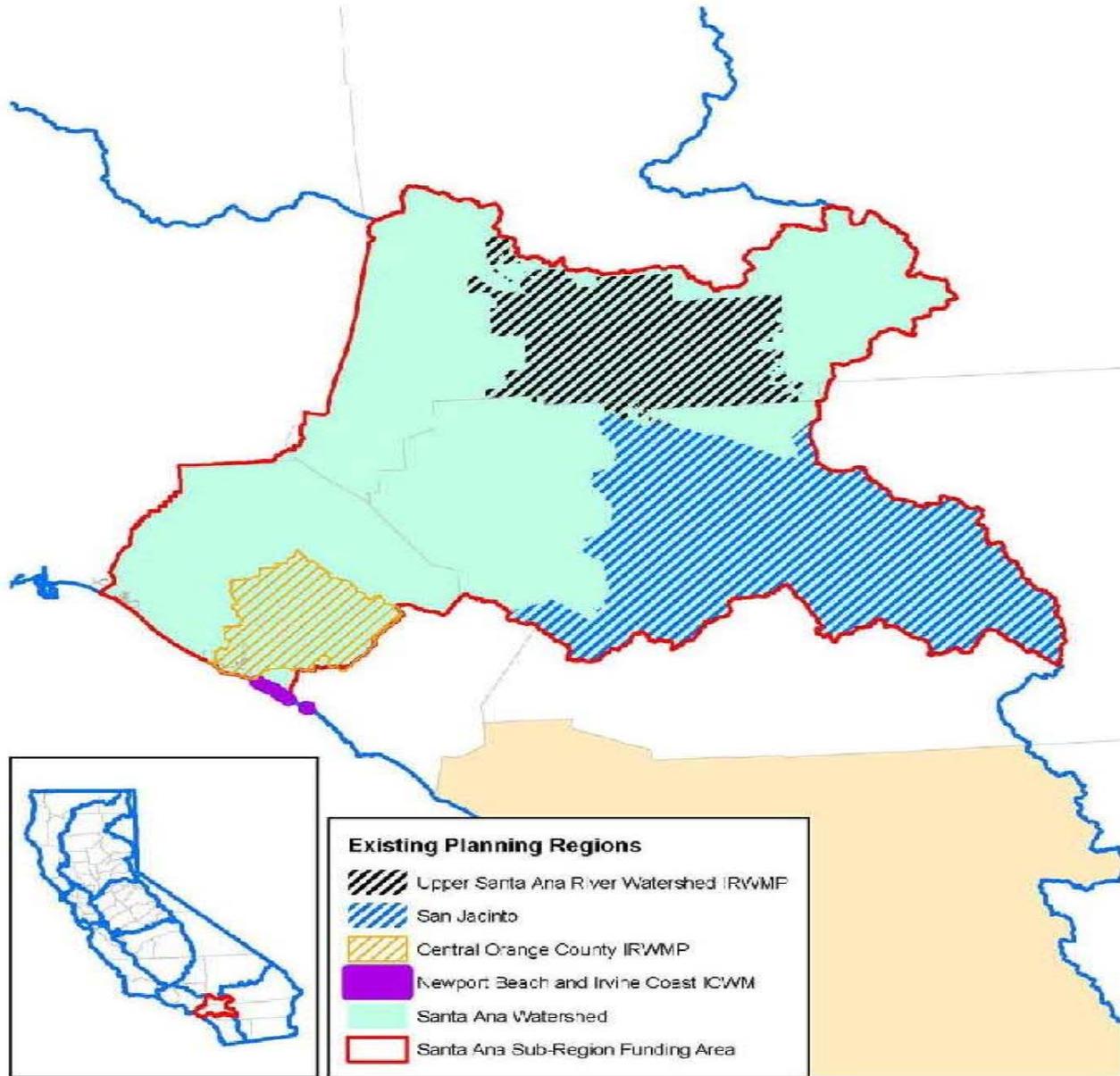
- **Recycling**
- **Marketing**
- **Water Transfers**
- **Pricing**
- **Ocean Desalination**
- **Supply from Flood Control Reservoirs**
- **Interstate Groundwater Banking**

# Proposition 84 Integrated Regional Water Management Program Los Angeles Sub-Region Funding Area



Existing Planning Regions	
	Los Angeles Sub-Region Funding Area
	Los Angeles Gateway
	Greater Los Angeles County
	Watersheds Coalition of Ventura County
	Upper Santa Clara River Watershed

PROPOSITION 84  
Integrated Regional Water Management Program  
Santa Ana Funding Area



PROPOSITION 84  
Integrated Regional Water Management Program  
San Diego Funding Area



**Questions?**



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