



REIMAGINING THE
Cadillac Desert

THURSDAY, SEPT. 15, 2016

BEST BEST & KRIEGER LLP

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UCLA*

 **#BBKCadDesert**

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Toward a New Language of Landscape

- Los Angeles County: Mediterranean Climate
- Climate change impacts will mean much less stable water regime and potential long periods of aridity
- Water delivery and distribution systems currently very complex and rely on outside imports + important groundwater basins
- Outdoor water use is still 50% + of residential water use



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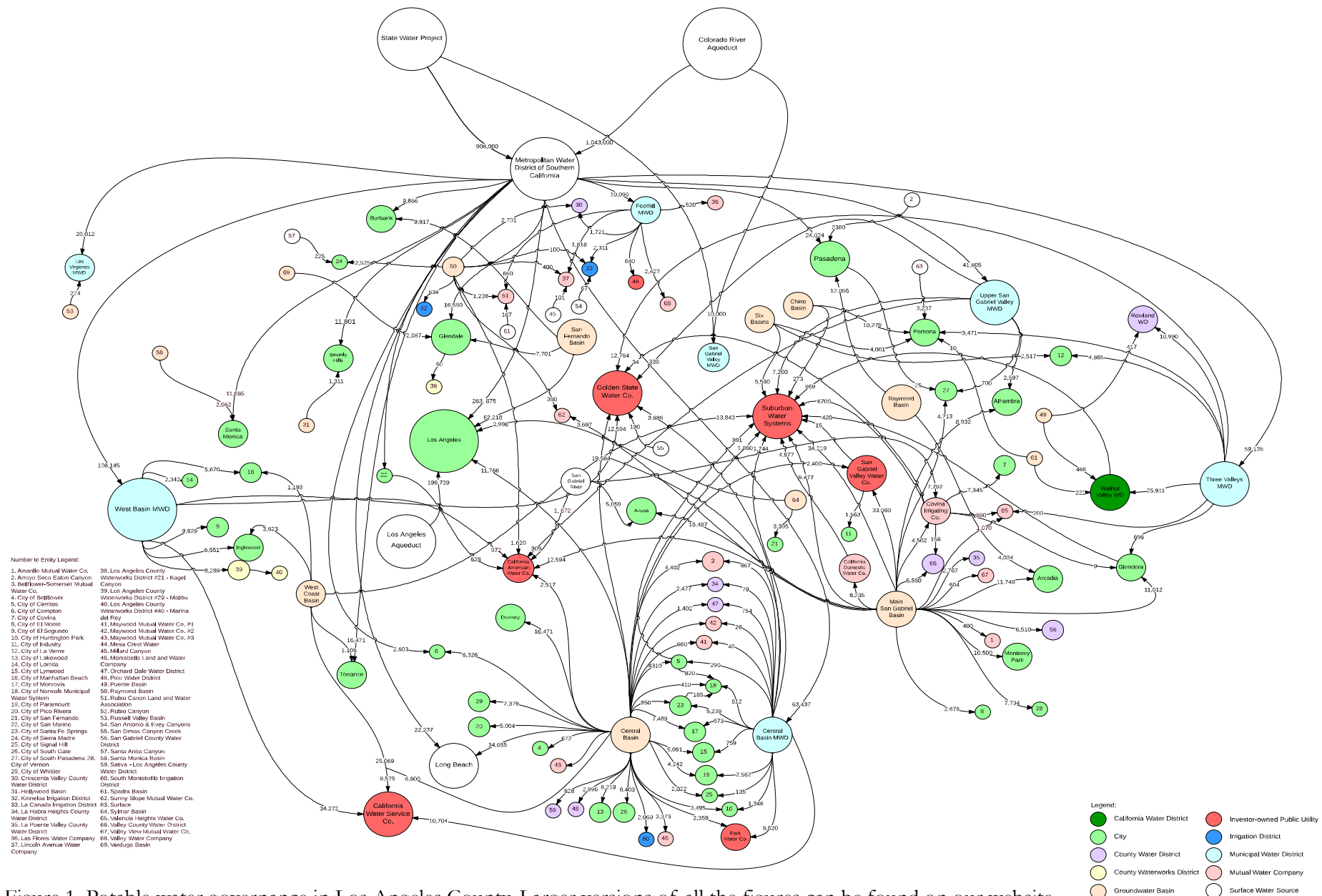


Figure 1. Potable water governance in Los Angeles County. Larger versions of all the figures can be found on our website at <http://sustainablecommunities.environment.ucla.edu/>.

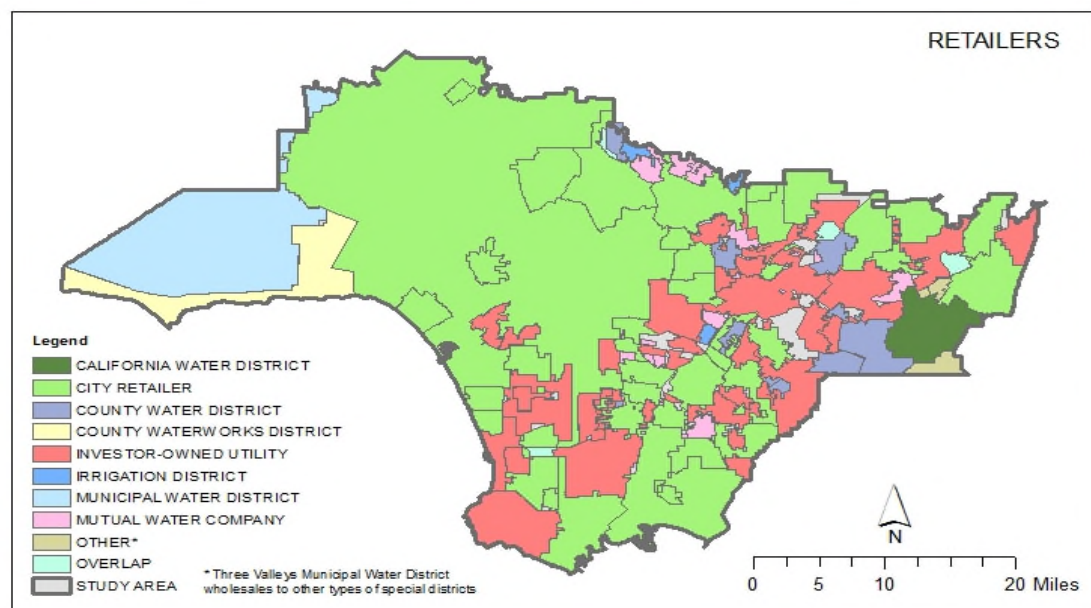
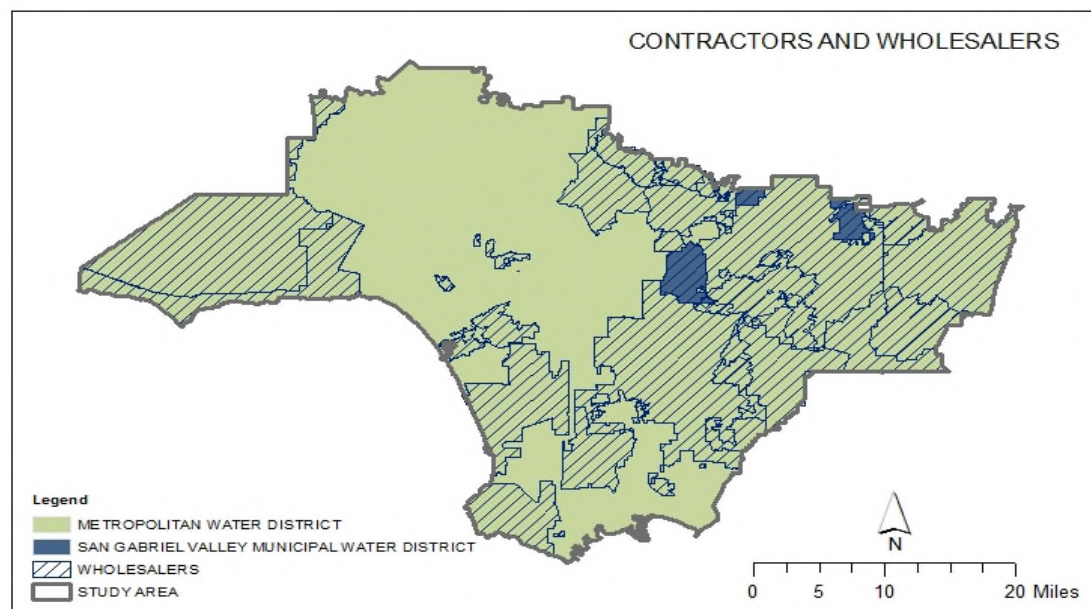


Figure 2. Water contractors, wholesalers, and retailers.



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












































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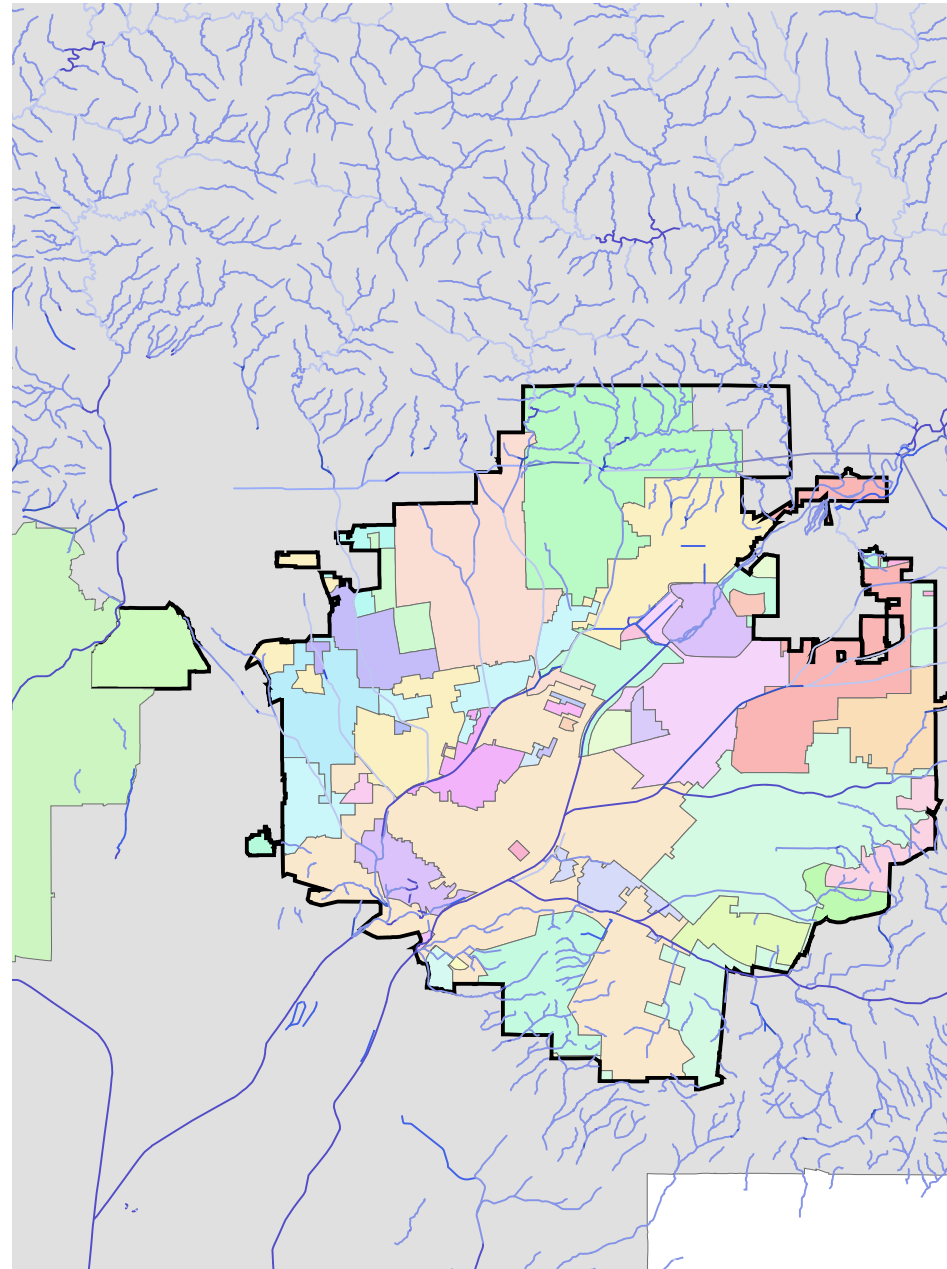


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Water Purveyors in the Upper San Gabriel Valley Municipal Water District

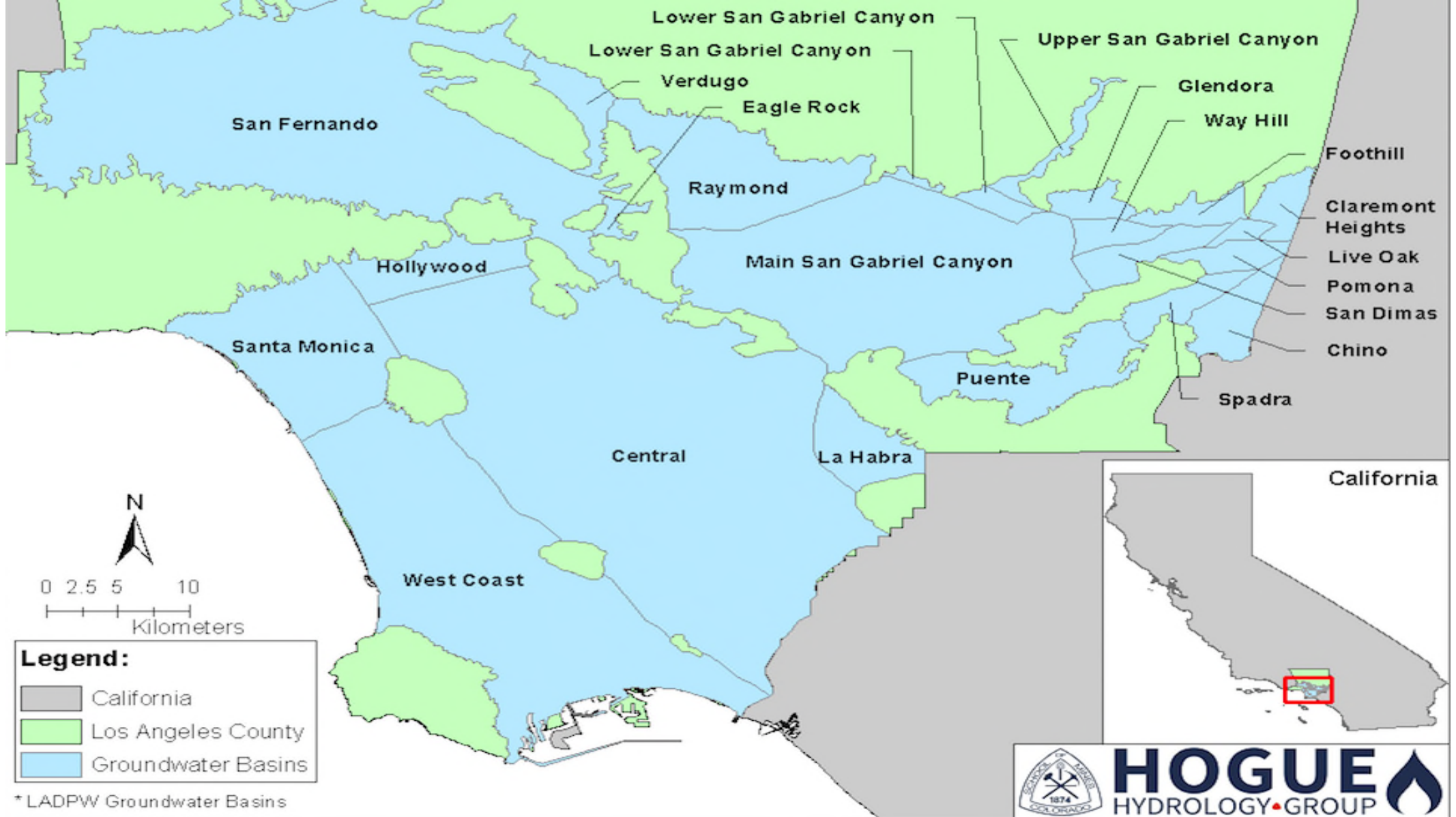
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 ADAMS RANCH M W C	 HEMLOCK M W C
 AMARILLO M W C	 LA COUNTY
 BEVERLY ACRES M W C	 LA HABRA HEIGHTS COUNTY W DIST
 CAL MET PROPERTIES	 LA PUENTE VALLEY COUNTY W DIST
 CALIFORNIA AMERICAN W C	 MILLER BREWING C
 CHAMPION M W C	 RICHWOOD M W C
 CITY OF ALHAMBRA	 ROLAND W DIST
 CITY OF ARCADIA	 ROSE HILLS MEMORIAL PARK
 CITY OF AZUSA	 RURBAN HOMES M W C
 CITY OF COVINA	 SAN GABRIEL COUNTY W DIST
 CITY OF EL MONTE	 SAN GABRIEL GOLF CLUB
 CITY OF GLENDORA	 SAN GABRIEL VALLEY W C
 CITY OF INDUSTRY	 SOUTHERN CALIFORNIA W C
 CITY OF LOS ANGELES	 STERLING M W C
 CITY OF MONROVIA	 SUBURBAN W SYSTEMS
 CITY OF MONTEREY PARK	 SUNNY SLOPE W C
 CITY OF PASADENA	 UNITED ROCK PRODUCTS
 CITY OF PICO RIVERA	 VALENCIA HEIGHTS W C
 CITY OF SIERRA MADRE	 VALLEY COUNTY W DIST
 CITY OF SOUTH PASADENA	 VALLEY VIEW M W C
 CITY OF WEST COVINA	 Los_Angeles_County
 CITY OF WHITTIER	
 DEL RIO M W C	



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A Socially Constructed Water System

- Relies on a complex thicket of institutions
- Relies on imported water
- Has created a new hydrology of pipes, cement channels, treatment plants, pumping plants, impermeable surfaces
- Affects ecologies near and far
- *Humans* are the living organisms that are regulating far off and near ecologies and determining the availability of life-sustaining resources of water

Landscaping can greatly affect future of water in the region



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Water Use

- Santa Cruz: 49 gpd
- Long Beach: 56 gpd
- Los Angeles : 97 gpd
- The region can do better



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Our Landscapes

- Heritage of abundant water
- Importation of exotic plants
- Rich, lush look with lawns
- Climate appropriate landscapes would reflect the region we live in.



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