

## Los Angeles River Basin Study

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The Los Angeles River Basin Study is a 50-50 cost share partnership between the Los Angeles County Flood Control District (LACFCD) and the Bureau of Reclamation to evaluate the long-term water supply potential of existing LACFCD facilities and develop strategies to conserve additional water.

The Study addresses LACFCD facilities in a 1,900 square-mile area that includes watersheds of the Los Angeles and San Gabriel Rivers, North and South Santa Monica Bays, Dominguez Channel/Los Angeles Harbor, and Ballona Creek.

Home to more than 10 million people (over 25% of California's population), this area is projected to experience a water resources shortfall of about 800,000 acre-feet per year annually by 2025. This deficit could also increase due to climate variability, as the area is subject to cycles of changing ocean temperatures, currents, and El Nino and La Nina weather patterns.



The Study will identify alternatives, conduct trade-off analyses and develop recommendations for bridging the gap between current and future water supply and water demand in these watersheds by 1) evaluating the long-term potential of existing LACFCD flood control dams, reservoirs, spreading grounds, and other interrelated facilities to conserve increased amounts of stormwater for water supply, and 2) analyzing the potential for new facilities and operational changes to capture increased stormwater volumes for water supply. Each objective will be met through detailed scientific, engineering, and economic analyses.

The Study began in early 2012 and is expected to be complete by the end of 2014. Its estimated \$2.4 million cost will be shared by the LACFCD and its 21 local project partners and Reclamation.

