Los Angeles Basin
Stormwater Conservation Study

Los Angeles County Flood Control District
U.S. Department of the Interior – Bureau of Reclamation

Southern California Water Committee
Stormwater Task Force

January 22, 2015

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**Core Objectives**

1) Evaluate *EXISTING* water conservation under *FUTURE* conditions

2) Evaluate *POTENTIAL NEW* facilities & operational changes for climate change

**Key Considerations**

» Climate Change
» Population Growth
Study Elements

- Downscaled Climate Change & Hydrologic Modeling
- Water Supply & Demand Projections
- Existing Infrastructure Response
- Develop Stormwater Conservation Concepts
- Tradeoff Analysis & Recommendations

Reclamation • LACFCD • LACDPW | Los Angeles Basin Stormwater Conservation Study
A Need for Climate Resiliency

Variability in Average Annual Stormwater Runoff Volume
Areal Watershed Average for WY 2012-2095

- 50% of Projections
- Maximum Variation
- Ensemble Mean

Percent Change

Water Year

2011 2025 2039 2053 2067 2081 2095
ENHANCING STORMWATER CAPTURE
Enhancing the Water Conservation System to Address Future Conditions
STUDY OUTCOMES

LOCAL

WATER SUPPLY

DEVELOPMENT

POLICY ADOPTION

FINANCING STRATEGIES
CONTACT

LOS ANGELES BASIN STORMWATER CONSERVATION STUDY

http://www.usbr.gov/lc/socal/basinstudies/LABasin.html

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