



# **Sustainable Infrastructure Envision Framework Update**

Cluster Meeting  
March 1, 2023

# Overview of Envision

**Goal: deliver sustainable, resilient, and equitable infrastructure**



**Institute for  
Sustainable  
Infrastructure**



**Credentialing**



**Project Verification**

# Types of Infrastructure



**Energy**



**Water**



**Waste**



**Transportation**



**Green Infrastructure**



**Information Technology**

# Measuring Success



## Quality of Life

14 Credits

Wellbeing, Mobility, Community



## Leadership

12 Credits

Collaboration, Planning, Economy



## Resource Allocation

14 Credits

Materials, Energy, Water



## Natural World

14 Credits

Siting, Conservation, Ecology

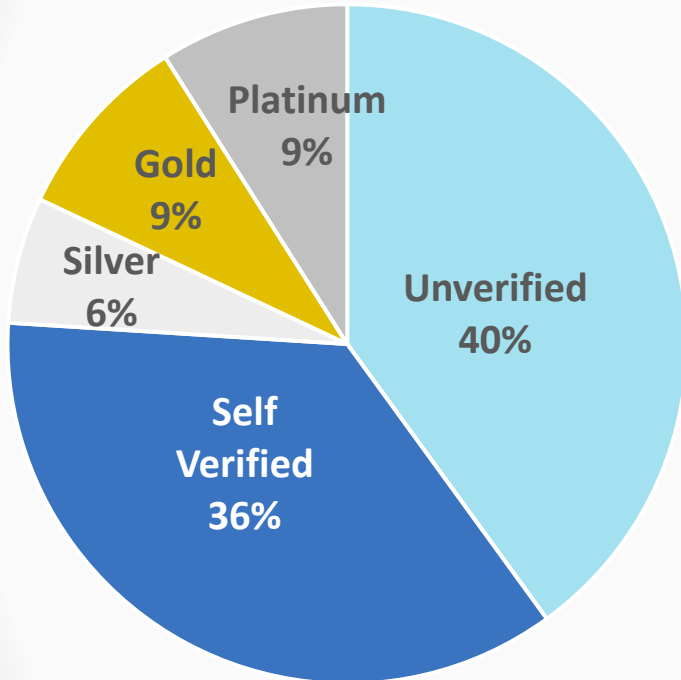


## Climate & Resilience

10 Credits

Emissions, Resilience

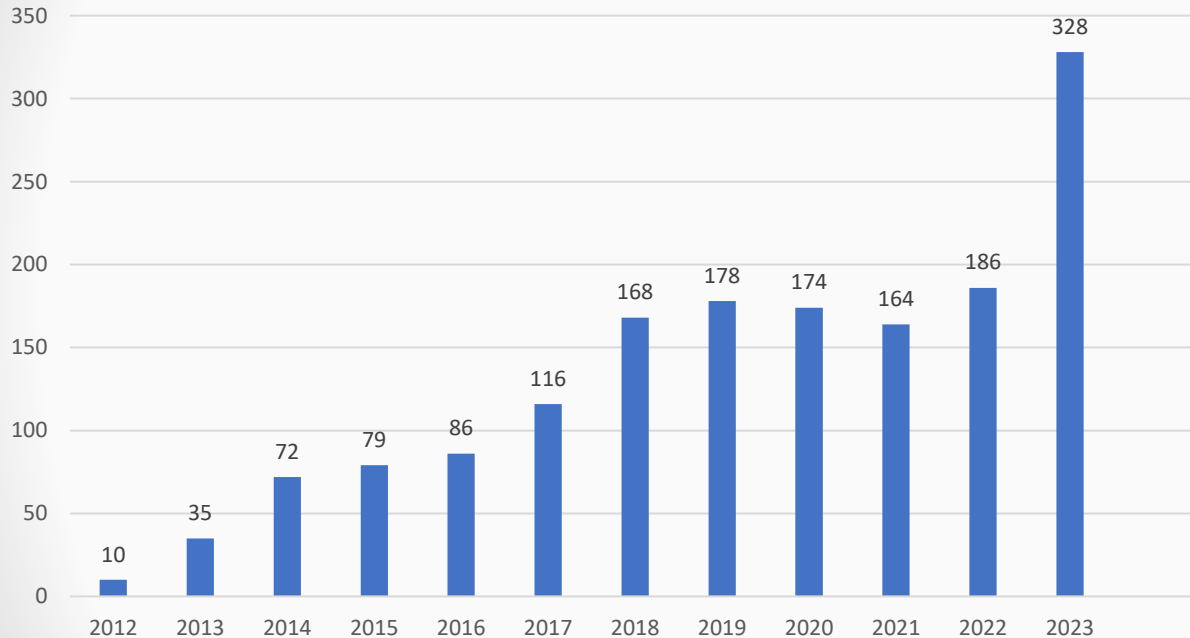
# LA County Adoption of Envision



- Public Works has been rating projects since 2011
- Envision Board Motion (Motion 47A – August 16, 2016)
  - Expand the use of Envision as a standard for County infrastructure
- Over 270 projects rated

# PW Envision Credentialing

Annual Active Envision Credentialed Individuals



- LA County Public Works has the highest number of credentialed staff among local government agencies in the nation!

# PW Envision Awarded Projects



ENVISION

PLATINUM

Sun Valley Watershed Multi-Benefit Project



ENVISION

PLATINUM

Oxford Retention Basin



# Projects in the Verification Process





# Future of Envision

## Benefit of Envision

- Secure Funding
- Address Equity
- Sustainable Future
- Workforce Development



**Director Mark Pestrella, P.E.**  
**Institute for Sustainable Infrastructure**  
**Board of Directors**

# Thank You

## Contact Information:

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### **Principal Engineer**

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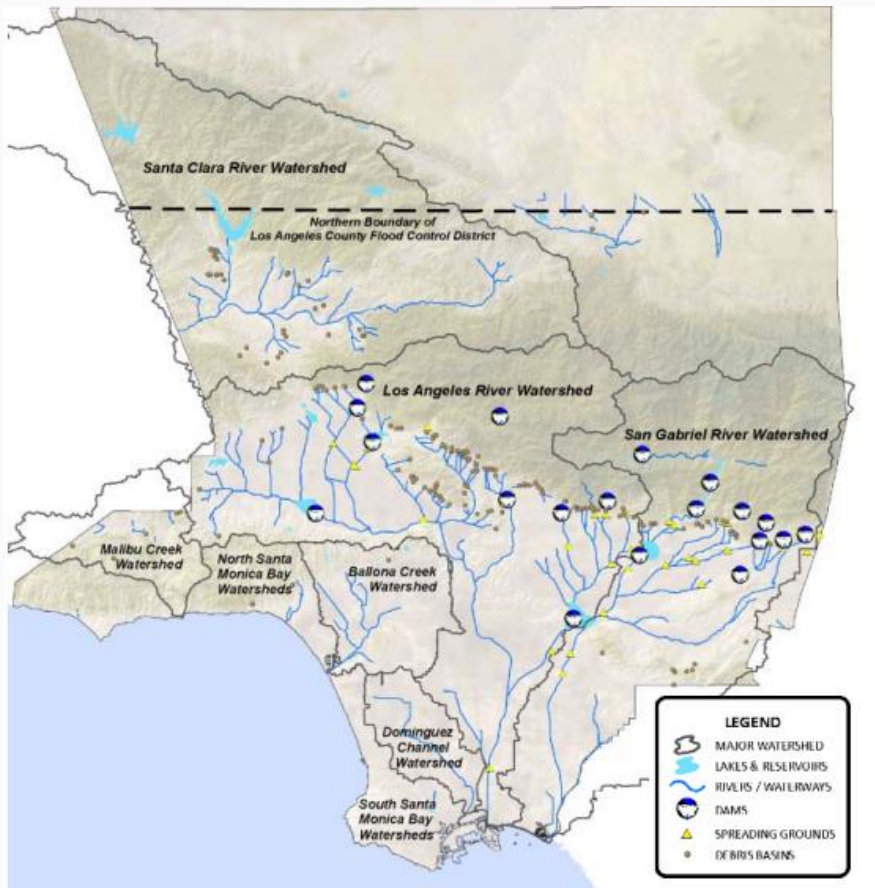
[tmoon@pw.lacounty.gov](mailto:tmoon@pw.lacounty.gov)



# Protecting and Preparing Communities for Flood Impacts due to Climate Change

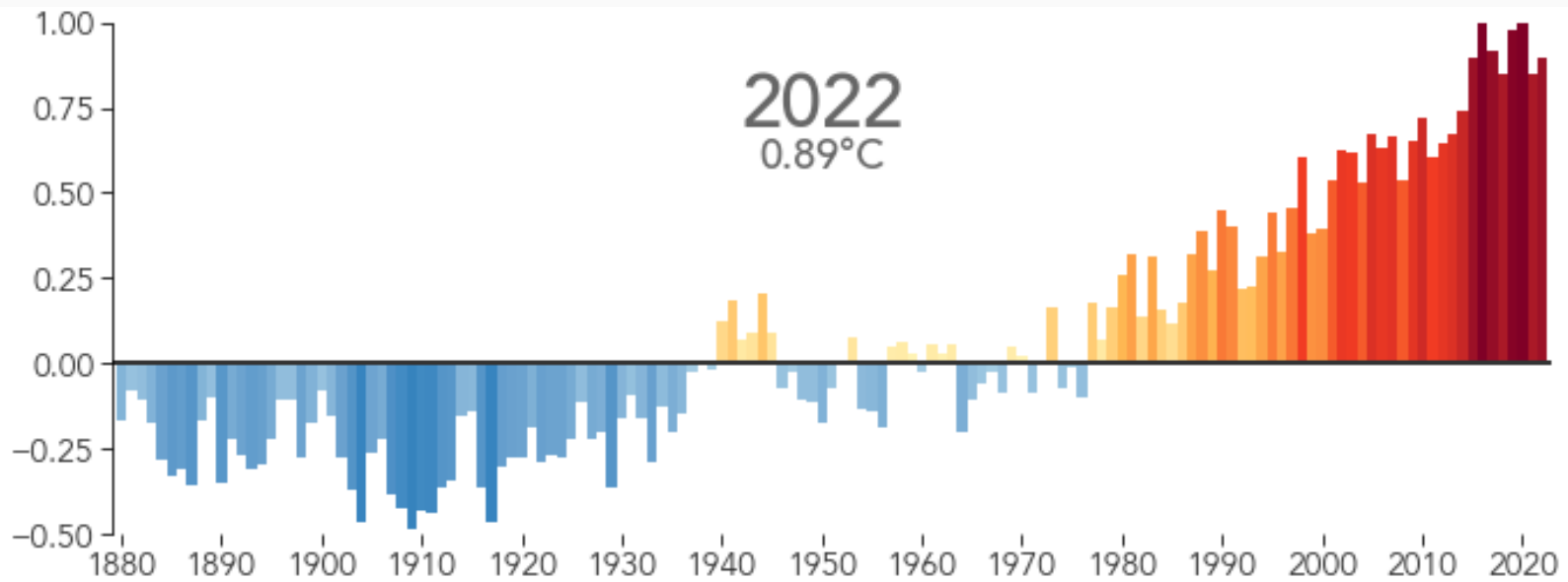
March 1, 2023 Community Services Cluster Meeting

# Localized Flooding



# Climate Change

**Last 9 years were warmest on record**





# What are we doing?



# Flood Risk Reduction Strategies

1. Climate Ready Communities
2. Countywide Flood Vulnerability Study
3. Stormwater Infrastructure Investments



**End**