

Intersection of Green Stormwater Infrastructure and Workforce Development

Southern California Water Coalition
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Workforce Development & Green Stormwater Infrastructure

- + Importance of workforce development in delivering green stormwater infrastructure (GSI)
- + Opportunities to address workforce shortages and concurrently drive economic growth
- + Employ communities where infrastructure investments are located
- + Generate green jobs
- + Address historic inequities



Renewing the Water Workforce



- Baby boomers projected to retire from the water sector at up to 50% in the next to 5-10 years
- 2.3 million young adults are out of work in large cities and counties nationwide, totaling 17 percent of young adults ages 18 to 24.

Underserved Communities in Utility Service Areas

Utility service areas nationwide include underserved communities disproportionately impacted by:

- + Historic redlining
- + Storm events
- + Flood-prone areas

These communities can benefit not only from GSI, but ratepayers can serve as resources to design, build and maintain GSI in their communities

- + Early exposure and education through STEM Programs
- + Skills building and training opportunities
- + Apprenticeships and Certifications



LA Green Stormwater Infrastructure Academy

Partnership with LA SANITATION and LATTTC

The goal is to develop stewardship strategies and programs to educate citizens and the next generation of workers to help

- Develop workforce
- Promote capacity building
- Develop employment opportunities
- Skill building
- Knowledge transfer to foster sustainable practices in the long run to improve water quality



Workforce development and GSI creates better outcomes

San Francisco Public Utilities Commission

Utility leader in the intersection of water infrastructure and workforce development

- **Community Benefits Policy**
- **Environmental Justice Policy**
- **Water Workforce Legislation**
- **Social Impact Partners**

The screenshot displays the website's navigation menu on the left, listing various categories under 'COMMUNITY BENEFITS'. The 'Social Impact Partnerships' link is highlighted in blue. To the right, the page title 'Social Impact Partnerships' is shown in bold black text, followed by the subtitle 'Achieving Collective Impact' in blue. Below this is a video player featuring a young man in a grey hoodie and a man in a suit. The video title is 'STEM Mentorship Program with Stephen...' and it includes 'Watch later' and 'Share' buttons. A play button is centered over the video. At the bottom of the video frame, the text 'FUTURE ENGINEER' is displayed in white on a yellow and green background.

COMMUNITY BENEFITS

- Workforce Development
- Education
- Arts
- Environmental Justice and Land Use
- Neighborhood Revitalization
- Small Business Opportunities
- Social Impact Partnerships**
- Our Approach
- Community Benefits History

Social Impact Partnerships

Achieving Collective Impact

STEM Mentorship Program with Stephen... Watch later Share

FUTURE ENGINEER

Workforce development and GSI creates better outcomes

Louisville Metropolitan Sewer District

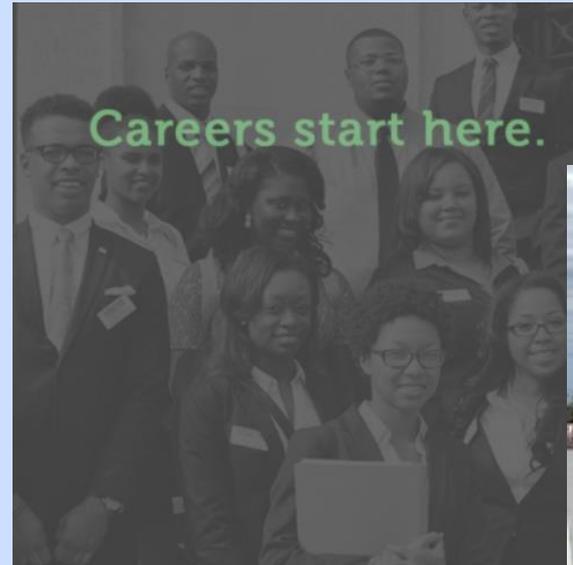
- **Water Equity Roadmap:
Workforce Development**
- **Community Benefits Program**
 - Summer Works Program
 - Pipeline Academy
- **Community Benefits
Procurement**
- **Annual Workforce Convening**
- **MSD *JobLink***



Workforce development and GSI creates better outcomes

City of Atlanta Department of Watershed Management

- **Water Equity Roadmap: Workforce Development**
- **STREAM Work**
- **Environmental Impact Bond**
- **Greening Youth Foundation**



Workforce development and GSI creates better outcomes

Camden County Municipal Utilities Authority

- **Water Equity Roadmap: Equitable & Resilient Water Management**
- **Camden Collaborative**
- **Greening Camden City**
- **Camden SMART (Stormwater Management and Resource Training) Initiative**



Workforce development and GSI creates better outcomes

Water Equity Taskforce

7 cities anchored by utilities in partnership with community-based organizations to achieve water equity nationwide



- **City of Atlanta Department of Watershed Management**
- **Buffalo Sewer Authority**
- **Camden County Municipal Utilities Authority**
- **Cleveland Water / Northeast Ohio Regional Sewer District**
- **Milwaukee Metropolitan Sewer District**
- **Louisville Metropolitan Sewer District**
- **Pittsburgh Water & Sewer Authority**

Workforce development and GSI creates better outcomes



Questions?

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