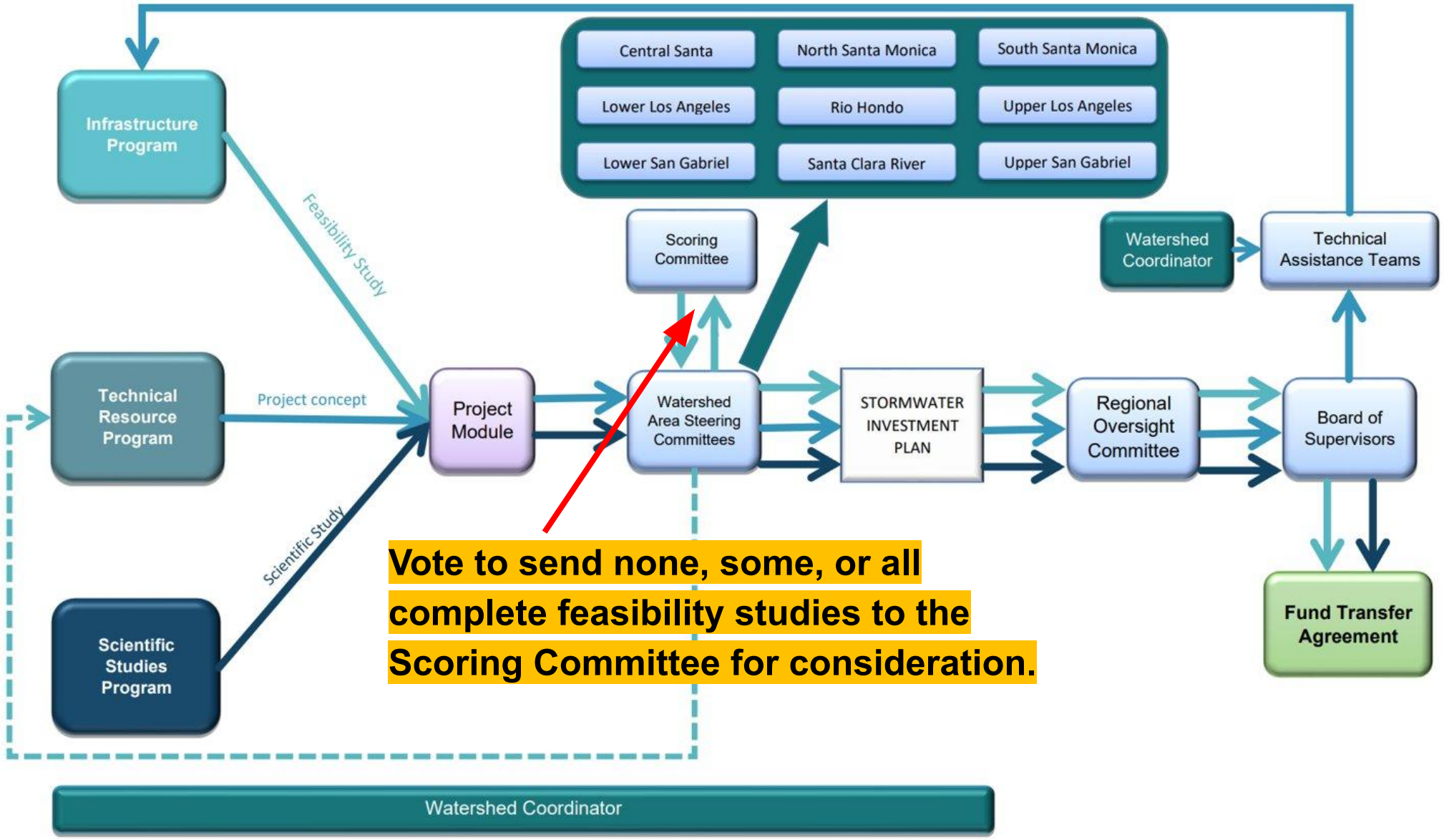
Safe Clean Water Program
Watershed Coordination

Summary of FY 24-25 (Year 5) Regional Program Project Submissions

SCR WASC, August 17th, 2023

Regional Program Structure and Flow Chart



Supporting WASC decision-making

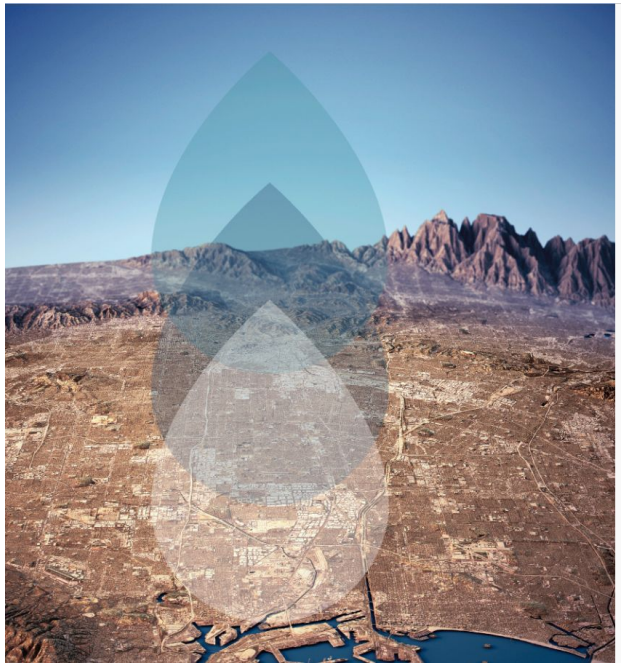
Task for Watershed Coordinators:

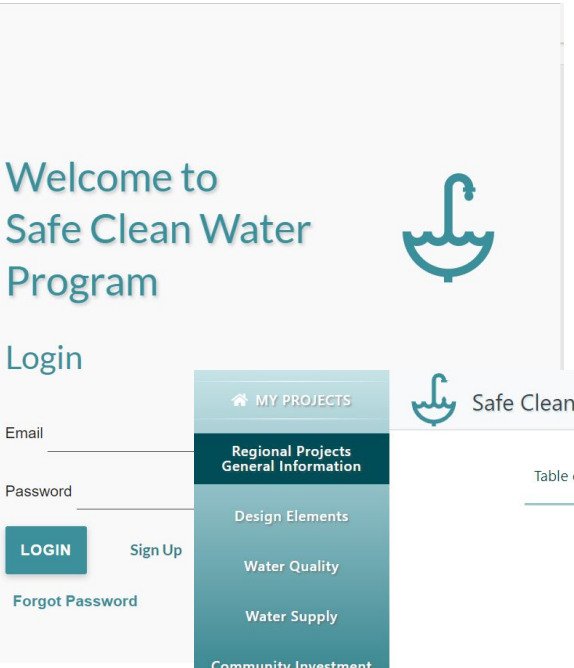
Summarize FY24-25 Call for Projects submissions

Goals:

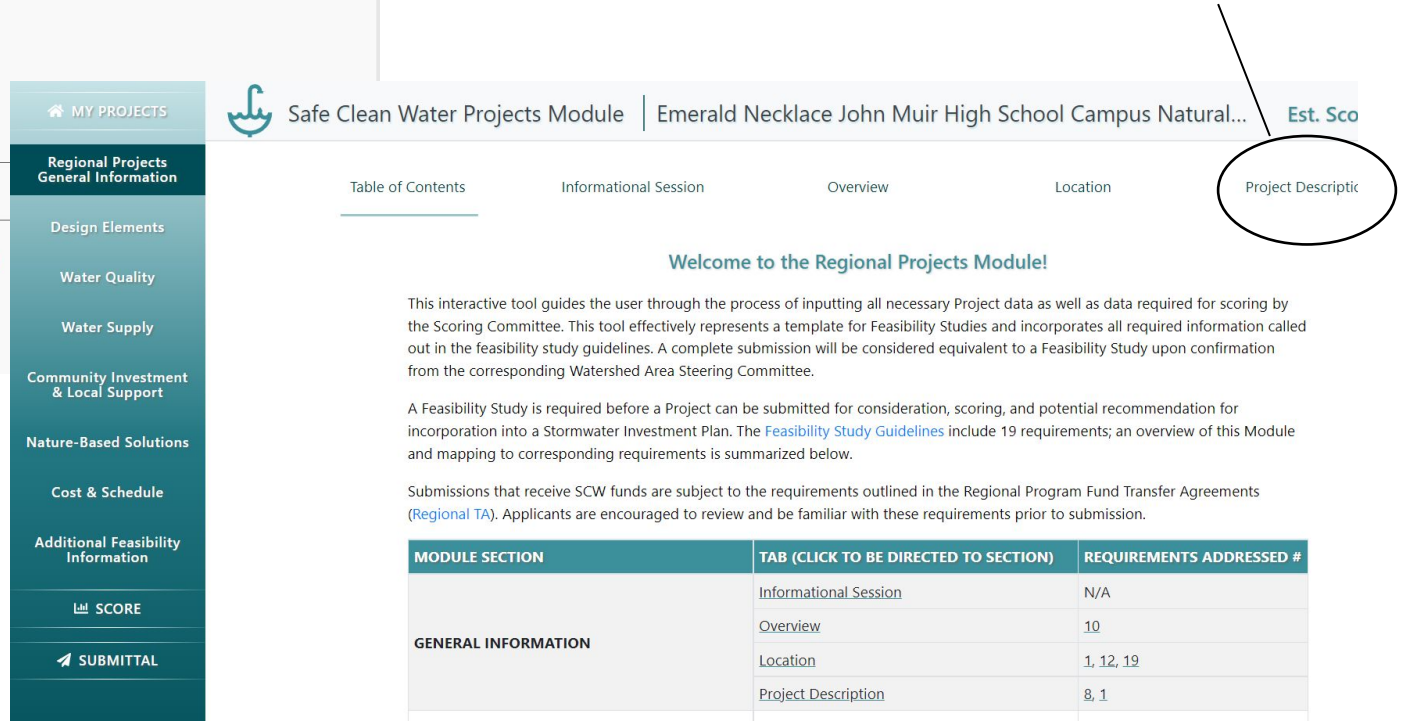
1. Help WASC members understand the diversity of projects submitted and improve familiarity with initial projects
2. Support WASCs' authority to decide which projects to transfer to the Scoring Committee

Projects Module





Illustrative summaries included in Project Description tab



Submitted projects can be found via the “manage all projects” functionality in the Projects Module.

Be careful not to edit project submissions when viewing information.

TRP: Bacteria Mitigation - MTD 1643

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- **Applicant:** The City of Santa Clarita - Heather Merenda, Oliver Cramer
- **Location:** 23505 Sunset Hills Drive, Santa Clarita
  The MTD 1643 outfall discharges to San Francisquito Creek, a natural creek tributary to Reach 6 of the SCR.
- **Total Funding Requested:** $300,000 Technical Assistance
- **Target completion date for feasibility study:** 6/4/2027
- Identified in the **USCR Watershed Mgmt Plan.** Modeling and Reasonable Assurance Analysis suggest green street solutions and infiltration would reduce bacteria and other pollutants
- **WQ Benefits:** MTD 1643 has had persistent dry weather flows that often exceed water quality standards for E. coli bacteria; raccoons found in previous investigation
- **Key NBS:** capture dry weather runoff and treat for pollutants, but allow stormwater to flow during wet weather. Chesebrough Park would add a rain garden, vegetative swales before flowing into SFC through MTD 1643

TRP: Old Orchard Park

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- **Applicant:** The City of Santa Clarita - Heather Merenda, Oliver Cramer
- Retrofit Old Orchard Park by diverting 12' X 10' reinforced concrete storm drain to a subsurface infiltration with a green street nearby area
- **Location:** 25023 Rotella Avenue, Santa Clarita
- **Total Funding Requested:** $300,000 Technical Assistance
- **Target completion date for feasibility study:** 6/1/2026
- **Project Objectives:** Improve water quality, reduce flooding, improve recreation access
- Included in **USCR Watershed Management Plan**
- **DAC Benefit:**The existing Old Orchard Park is surrounded by Disadvantaged and Severely Disadvantaged Communities
- **WQ Benefits:** Treating runoff from 30% to 40% of Newhall neighborhood
- **WS Benefit:** Groundwater recharge
- **Key CIB:** Reduced flood risk, improved recreation access
- **Key NBS:** Soil infiltration, Green Street retrofit utilizing soil & plants as filters

Scientific Study: Identifying Best Practices for Maintaining Stormwater Drywell Capacity

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- **Objectives:** Identifying and recommending optimal practices for the sustainable operation and maintenance of stormwater drywells:
  Evaluation of alternative well designs, existing pre-treatment practices, maintenance intervals for maintaining stormwater drywell capacity.
- **Lead:** California State Polytechnic University, Pomona
  Additional collaborators: UCSB, Hydrology Laboratory; Kindred Hydro, Inc; Groundswell Technologies, LLC.
- **Total Funding Requested:** $4,951,453; $968,865 for Y1
  Funding request is to all 9 watersheds
- **Location:** will be working with municipalities and other stakeholders within all watershed basins in LAC to identify drywells to include in the study. The goal is to include at least one municipality from each of the nine SCWP Watersheds.
- **Target completion date for study:** 2029? (5-years)
- **Unique aspects of the project:** Will emphasize the inclusion of underrepresented groups and first generation college graduate students; 10 to 20 students every academic year who will be involved in this project