



Water Quality and Green Infrastructure Program

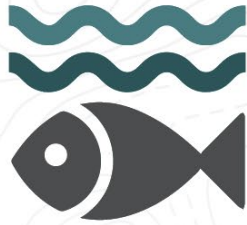
June 23, 2021



Strategic Initiatives



SAFE



CLEAN



ENJOYABLE

CULTURE

To harmonize the needs of people and nature through our stewardship of rivers and land



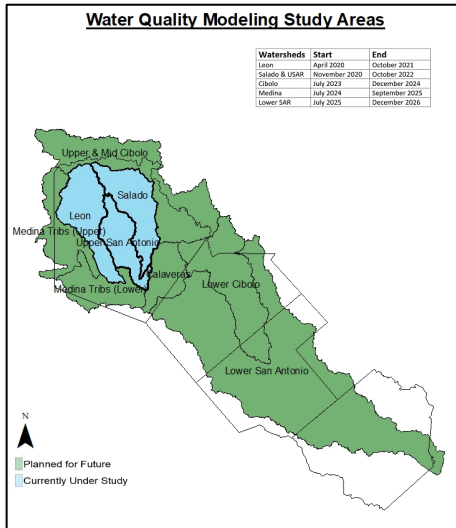
Program Overview

- The program was created to coordinate major activities that aim to improve water quality through leadership, implementation and adoption of green infrastructure in priority areas. Success is in the utilization of resources and creation of strong collaborations with partners to implement sustainable practices community wide.



Program Overview

Planning



Implementation

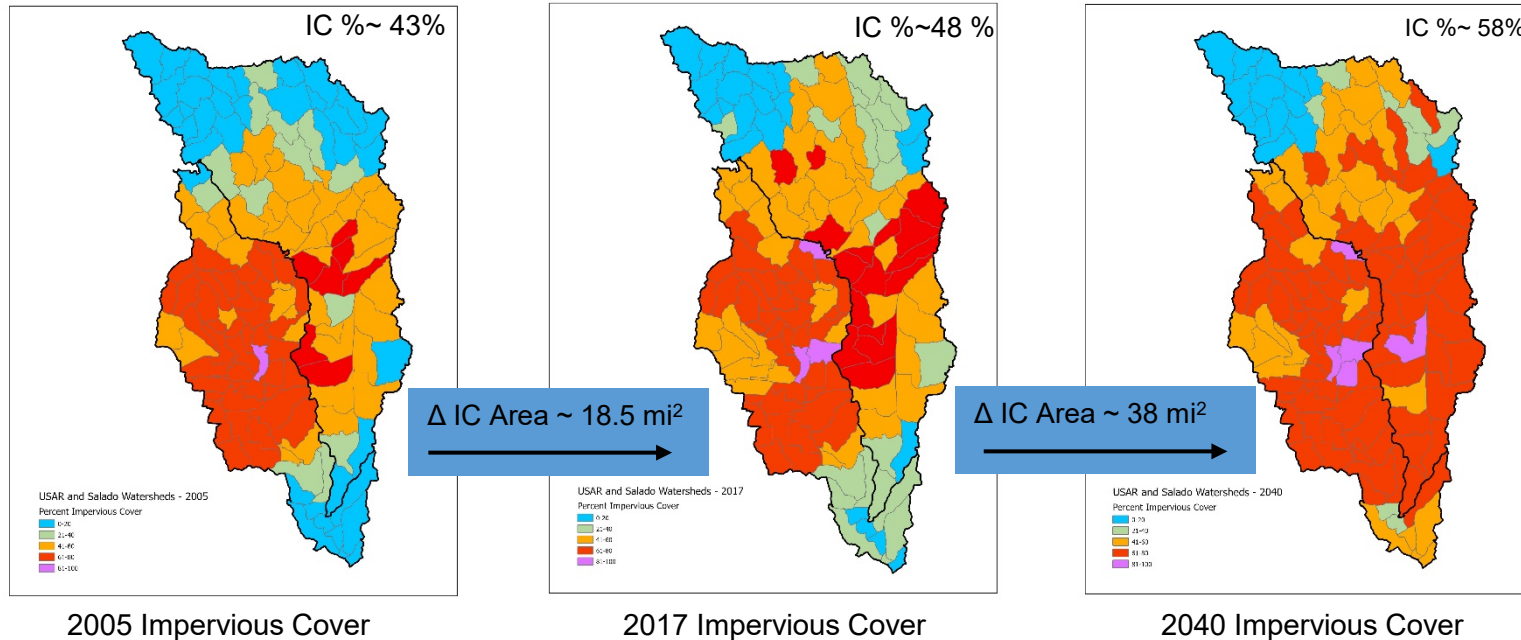


Outreach and education



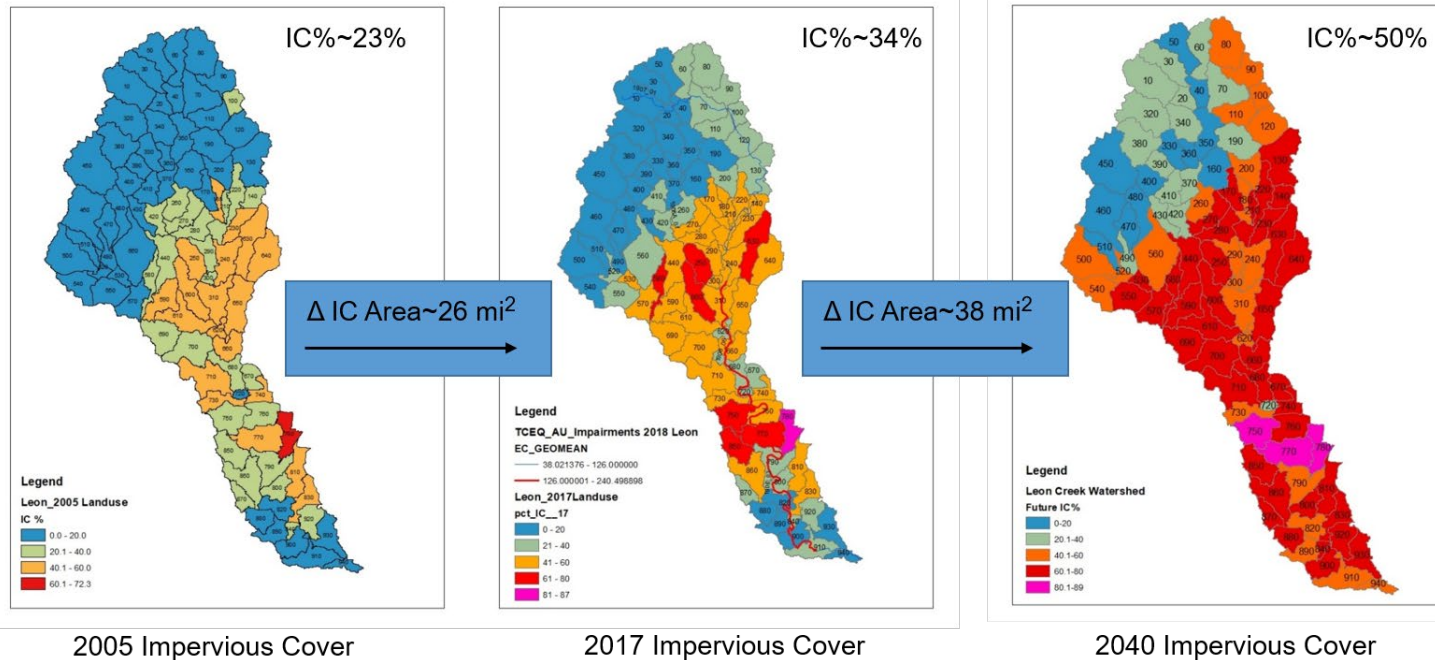
Planning Projects/Efforts

- Water Quality Updates: USAR/Salado



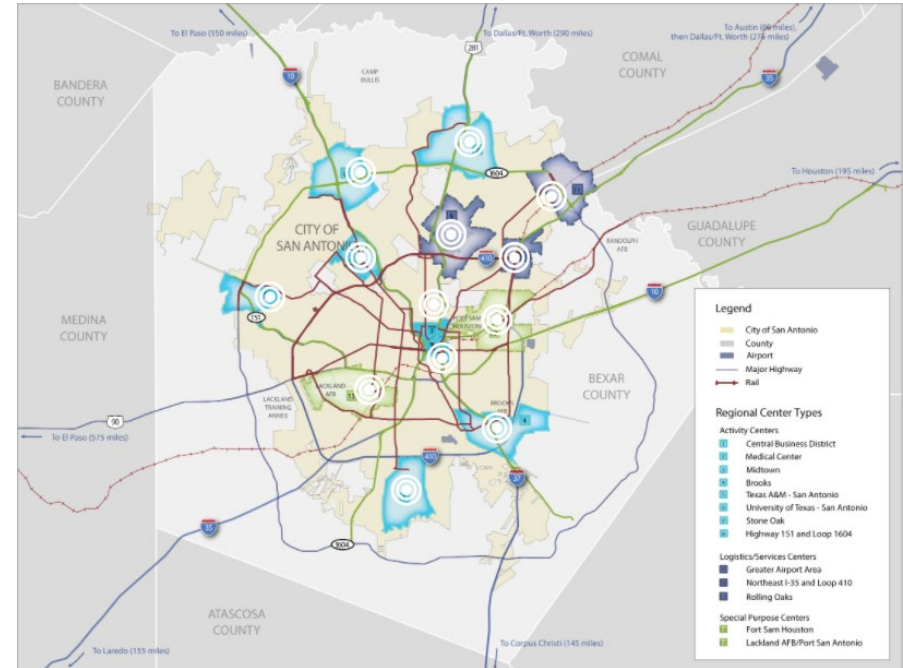
Planning Projects/Efforts

- Water Quality Updates: Leon



Planning Projects/Efforts

- SA tomorrow regional centers
- Stakeholder engagement
- Multi-benefit analysis/Triple Bottom Line (TBL)



Multi-Benefits

- Stream and stormwater quality
- Neighborhood flooding reduction
- Pollution and trash reduction
- Habitat improvement
- Open space and recreation
- Urban heat reduction



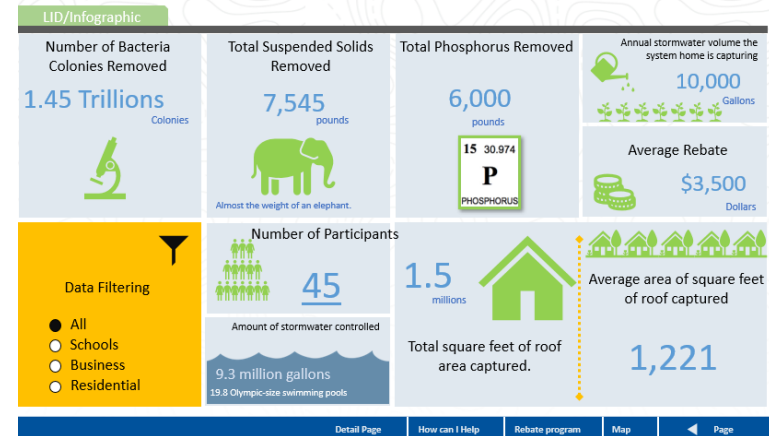
Implementation Projects/Efforts

- Cost Share Programs
- Partner Activities:
 - San Antonio Botanical Gardens
 - Witte
- River Authority activities:
 - Sheridan property
 - Parks



Outreach and Education Projects/Efforts

- Web-based tools
 - GSI Map
 - Developer tool
 - Community dashboard
- Community engagement
 - Trash Campaign
 - River Warriors



Outreach and Education Projects/Efforts

- Partnerships
 - Quarterly meetings
 - Key agency collaborations
 - National Association of Flood and Stormwater Management Agencies (NAFSMA)
 - Environmental Protection Agency/U.S Army Corps of Engineers



Accomplishments

- Resources:
 - Created materials for various audiences (print, media, web)
 - Trainings and tools for technical professionals
 - TBL analysis of rebate projects
- Features:
 - Installation of diverse features (sizes, locations, public/private)



Accomplishments

- Leadership:
 - Awards: state, local, international
- Partnerships:
 - Established structured quarterly meetings
 - Low Impact Development Manual Updates
 - Unified Development Code (UDC) Recommendations



Measures of Success FY22-FY26

- Resources:
 - Increasing utilization of resources (class attendance, web traffic, speaker requests)
 - Increasing tools activity
 - Increasing utilization of LID Manual
- Features:
 - Increased volume of stormwater treated (dashboard)
 - Leverage community resources for implementation of features
 - Shifting dollars from installations to leveraged resources



Measures of Success FY22-26

- Leadership:
 - Change in 2025 UDC guidelines for formal water quality requirements
 - BMP in CoSA projects in high priority zones
 - Become the lead organization for low impact development and water quality modeling.
- Partnerships:
 - Adoption by EPA, NASFMA
 - Urban Land Institute initiatives that incorporate implementation
 - USACE—Engineering with Nature program



Questions?

