



East Stanislaus Integrated Regional Water Management Plan

Regional Goals and Objectives

Identified Regional Conflicts and Issues

- Water supply reliability
- Drinking water quality
- Water quality protection
- Groundwater overdraft/contamination/recharge
- Protection and enhancement of aquatic, riparian, and watershed resources
- Water-related needs of disadvantaged communities
- Flood protection
- Recycled water use
- Water conservation
- Aging infrastructure



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Regional Goal	Objectives
Water Supply Goal: To protect existing water supplies and water rights, and improve regional water supply reliability	<ul style="list-style-type: none"> • Provide a variety of water supply sources, including recycled water, to meet all current and future demands (urban, agricultural and the environment) under various hydrologic conditions.
	<ul style="list-style-type: none"> • Promote the use of groundwater storage and conjunctive use options to reduce groundwater overdraft.
	<ul style="list-style-type: none"> • Protect existing water rights.
	<ul style="list-style-type: none"> • Implement water conservation plans for both urban and agricultural uses.
	<ul style="list-style-type: none"> • Support monitoring and research to improve understanding of water supplies and needs.
	<ul style="list-style-type: none"> • Address conveyance infrastructure needs.



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<p>Flood Protection Goal: To ensure flood protection strategies are developed and implemented through a collaborative process, utilizing both local and watershed-wide approaches designed to maximize opportunities for comprehensive water resource management</p>	<ul style="list-style-type: none"> • Develop outlines of regional projects and plans necessary to protect infrastructure from flooding and erosion from the 100-year event.
	<ul style="list-style-type: none"> • Work with stakeholders to preserve existing flood attenuation by implementing land management strategies throughout the watershed.
	<ul style="list-style-type: none"> • Develop approaches for adaptive management that minimizes maintenance requirements and protects water quality and availability while preserving and enhancing ecologic and stream functions, as appropriate.
	<ul style="list-style-type: none"> • Provide community benefits beyond flood protection, such as public access, open space, recreation, agricultural preservation, and economic development.
	<ul style="list-style-type: none"> • Protect, restore, and enhance the natural ecological and hydrologic functions of rivers, creeks, streams and their floodplains.



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<p>Water Quality Goal: To protect and improve water quality for beneficial uses consistent with regional interests and the RWQCB Basin Plan in cooperation with local, state and federal agencies and regional stakeholders</p>	<ul style="list-style-type: none"> • Meet or exceed all applicable water quality regulatory standards.
	<ul style="list-style-type: none"> • Deliver agricultural water to meet water quality guidelines established by stakeholders.
	<ul style="list-style-type: none"> • Aid in meeting Total Maximum Daily Loads established, or to be established, for the Tuolumne River watershed.
	<ul style="list-style-type: none"> • Protect surface waters and groundwater basins from contamination and threat of contamination.
	<ul style="list-style-type: none"> • Manage existing land uses while preserving or enhancing environmental habitats.
	<ul style="list-style-type: none"> • Minimize impacts from storm water through implementation of Best Management Practices, Low Impact Development or other similar projects.
	<ul style="list-style-type: none"> • Promote programs and projects to reduce the quantity and improve the quality of urban and agricultural runoff.
	<ul style="list-style-type: none"> • Promote and support regional monitoring to further understanding of water quality issues.



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<p>Environmental Protection and Enhancement Goal: To protect the environmental resources of the Stanislaus, Tuolumne, Merced and San Joaquin River watersheds by identifying, promoting and implementing opportunities to assess, restore and enhance natural resources of these watersheds</p>	<ul style="list-style-type: none"> Identify and incorporate (where possible and reasonable) opportunities to assess, protect, enhance, and/or restore natural resources when developing water management strategies.
	<ul style="list-style-type: none"> Minimize adverse effects on biological and cultural resources, including riparian habitats, habitats supporting sensitive plant or animal species, and archaeological sites when implementing strategies and projects.
	<ul style="list-style-type: none"> Identify opportunities for open spaces, trails and parks along creeks and other recreational projects in the watershed to be incorporated with water supply, water quality, or flood protection projects.
	<ul style="list-style-type: none"> Contribute to the long-term sustainability of agricultural, commercial, industrial, and urban land uses and activities within the basin.
	<ul style="list-style-type: none"> Identify opportunities to protect, enhance, or restore habitat to the support all watersheds in the Region in conjunction with water supply, water quality, or flood protection projects.
	<ul style="list-style-type: none"> Support projects to understand, protect, improve and restore the region’s ecological resources.



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<p>Regional Communication and Cooperation Goal: To implement and promote this IRWM Plan through regional communication, cooperation, and education</p>	<ul style="list-style-type: none"> • Develop a forum for consensus decision-making and IRWM Plan implementation by regional entities.
	<ul style="list-style-type: none"> • Build relationships with State and Federal regulatory agencies and other water forums and agencies to facilitate permitting of water-related projects and ensure continued consistency with state water plans.
	<ul style="list-style-type: none"> • Facilitate dialogues between regional and inter-regional entities to reduce inconsistencies and conflicts in water management and to maximize benefits from water-related projects.
	<ul style="list-style-type: none"> • Maintain avenues of communication with the general public and offering opportunities to provide feedback on the IRWM and water-related projects through the regional websites and other public forums.
	<ul style="list-style-type: none"> • Identify opportunities for public education about water supply, water quality, flood management, and environmental projection.



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<p>Economic and Social Responsibility Goal: To promote development and implementation of projects, programs and policies that are socially impartial and economically sound</p>	<ul style="list-style-type: none"> • Support the participation of disadvantaged communities in the development, implementation, monitoring and long-term maintenance of water resource projects.
	<ul style="list-style-type: none"> • Develop cost-effective multi-benefit projects.
	<ul style="list-style-type: none"> • Consider disproportionate community impacts to ensure environmental justice.
	<ul style="list-style-type: none"> • Maximize economies of scale and governmental efficiencies.
	<ul style="list-style-type: none"> • Protect cultural resources.
	<ul style="list-style-type: none"> • Reduce energy use and/or use of renewable resources where appropriate.