



Revised San Diego IRWM Plan Objectives from the 2013 San Diego IRWM Plan

DRAFT - February 6, 2018

Objective A: Encourage the development of integrated solutions to address water management issues and conflicts.

Detailed Description of Objective A

Implement projects and programs that effectively address local water management issues and conflicts through the following types of integration:

1. *Partnerships*: Establishing partnerships between different organizations to increase cost-effectiveness through sharing of data, resources, and infrastructure.
2. *Resource Management*: Employing multiple resource management strategies within a single project to effectively address a variety of issues.
3. *Beneficial Uses*: Developing solutions that address multiple beneficial uses to expand benefits.
4. *Geography*: Implementing watershed- or regional-scale projects to benefit ~~a greater amount of~~ more people and potentially save costs through economies of scale.
5. *Hydrology*: Addressing multiple watershed functions within the hydrologic cycle to holistically address issues and resolve conflicts.
6. *Sustainability*: Implement projects that meet the needs of the present without compromising the ability of future generations to meet their own needs and broadly support social, environmental, and economic benefits.

Objective B: Maximize stakeholder/community involvement and stewardship of water resources, emphasizing education and outreach.

Detailed Description of Objective B

Implement efforts to engage and educate the public on the IRWM Program and the interconnectedness of water supply, water quality, and natural resources. Build stewardship throughout the Region by providing opportunities to participate in water management and promote individual and community ownership of water resource problems and solutions. Increase public knowledge and understanding of the importance of water resource management, including stormwater as a resource, watershed and water quality protection, and supply diversification.

Objective C: Effectively obtain, manage, and assess water resource data and information.

Detailed Description of Objective C

Increase and expand sharing, integration, and comprehensive analysis of water resource and water quality data to provide a basis for improved and/or adaptive water resources management.

Objective D: Further the scientific and technical foundation of water management.

Detailed Description of Objective D

Promote actions, programs, and projects that increase scientific knowledge and understanding of water management issues and support sustainable science-based regulations and requirements. Coordinate with regulatory agencies to assess and resolve ambiguous or conflicting regulatory standards or requirements.

Objective E: Develop and maintain a diverse mix of water resources, encouraging their efficient use and development of local water supplies.

Detailed Description of Objective E

Continue to develop diverse water resources to meet local supply and conservation goals, reduce dependence on imported water supplies, and increase water supply availability and reliability. A diverse mix of water resources includes imported water, water transfers, recycled water, water conservation, desalination (brackish groundwater or seawater), local surface water, stormwater capture and use, potable reuse, and groundwater. Promote ethic of “conserve, reuse, and recycle”.

Objective F: Construct, operate, and maintain a reliable and resilient water management infrastructure system.

Detailed Description of Objective F

Construct, operate, and maintain water conveyance, treatment, storage, and distribution facilities that comprise a reliable water infrastructure system consistent with the future planned mix of water resources, ~~and provide~~ flexibility in system operations, including utilization of natural systems for stormwater management. Improve asset management to allow for utilization of existing infrastructure to meet water management needs and reduce the need for future projects. Address potential hazards to infrastructure based on from sea level rise and flooding.

Objective G: Enhance natural hydrologic processes to reduce the effects of hydromodification and encourage integrated flood management.

Detailed Description of Objective G

Restore and enhance natural hydrologic processes, and promote best management practices that reduce negative effects on receiving systems such as natural stream systems, groundwater systems, local water supply reservoirs, and lagoons, bays, and the ocean. Reduce runoff from impervious surfaces, erosion, sedimentation, and flooding. Use integrated flood management to holistically address flood issues, sea level rise, water quality, natural resources, and other water management concerns. Maximize environmental, habitat, and water quality benefits of stormwater projects. Prioritize green infrastructure where feasible.

Objective H: Effectively reduce sources of pollutants and environmental stressors to protect and enhance human health, safety, and the environment.

Detailed Description of Objective H

Reduce pollutants and environmental stressors to ~~maintain or~~protect and improve water quality through the application of point and non-point source controls, stormwater best management practices, management measures such as land use planning and conservation, and reservoir management. Reduce pollutant loads to protect the health and safety of humans and the environment and improve asset management to protect and enhance water quality.

Objective I: Protect, restore, and maintain habitat and open space.

Detailed Description of Objective I

Manage and acquire land to preserve open space and protect sensitive habitat for endangered, threatened, and locally-important plant and wildlife species. Invasive species management, habitat conservation, and water pollution prevention activities will help to maintain and enhance biological diversity. Utilize stormwater capture to support habitat and environmental needs.

Objective J: ~~Optimize~~Advance water-based ~~recreational opportunities enriching experiences.~~

Detailed Description of Objective J

Protect and provide access to water-based ~~recreational opportunities enriching experiences~~ such as education, outreach, swimming, fishing, boating, as well as picnicking and hiking along waterways, while ensuring that ~~the recreational~~ such activities do not adversely affect other beneficial uses of water. Improve public safety in water-based ~~recreational enrichment~~ areas so that members of the Region can use them freely.

~~Objective K: Effectively address climate change through greenhouse gas reduction, adaptation, or mitigation in water resource management.~~

Detailed Description of Objective K

~~Adapt to the potential effects of climate change, such as sea level rise, temperature changes, and rainfall variability, by implementing 'climate proof' water management projects and programs. Incorporate greenhouse gas emissions reduction and energy efficiency in planning and management efforts.~~