

RECLAMATION

Managing Water in the West

San Diego Basin Study

Status Update

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U.S. Department of the Interior
Bureau of Reclamation

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San Diego Basin Study Objectives

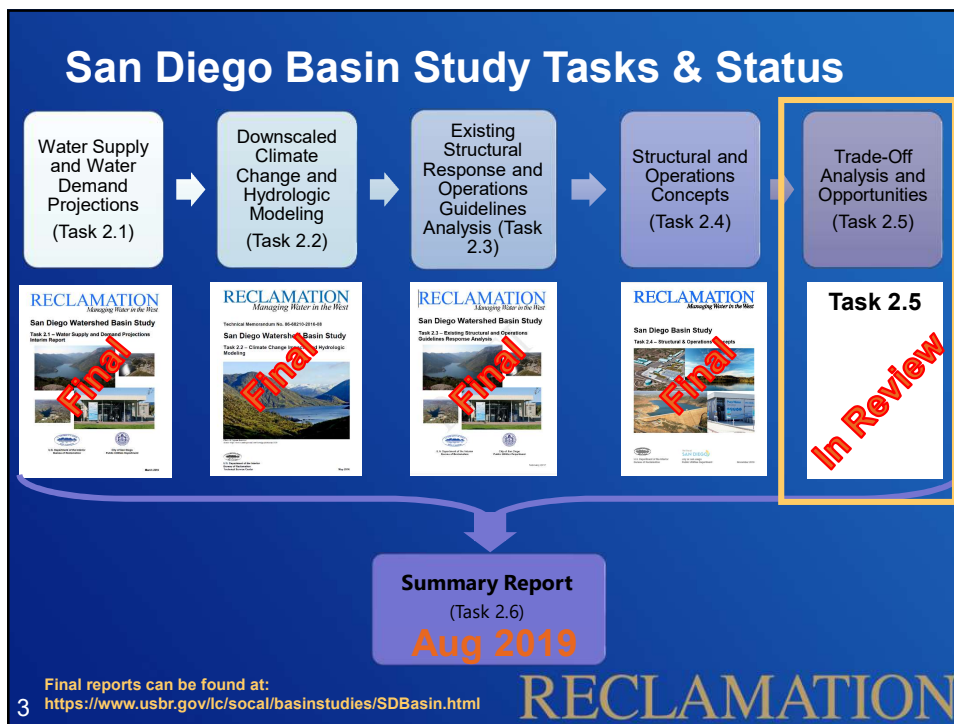
1. Determine how climate change will impact the water supply system
2. Develop structural and non-structural adaptation strategies to manage climate change impacts



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Task 2.5 Status

- May 2018 STAC Review of Partial Draft
- November 2018 STAC Review of Complete Draft
- December 2018 Public Meeting on Task 2.5
- May 2019 STAC and IRWM RAC Review of Complete Draft
 - *Why a second round of review?*

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Task 2.5 Results Updated

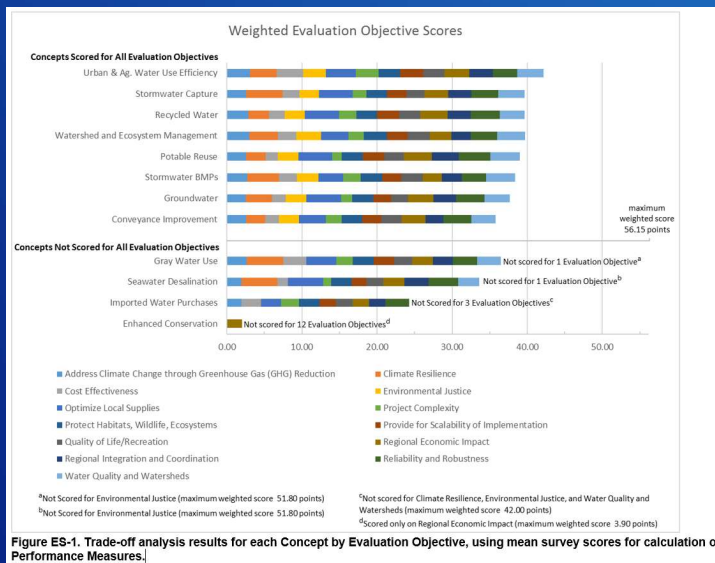


Figure ES-1. Trade-off analysis results for each Concept by Evaluation Objective, using mean survey scores for calculation of Performance Measures.

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Customized San Diego Basin Study Trade-Off Analysis Tool

Trade-off Analysis

Customization Name: _____

Customization Notes: _____

Evaluation Objective Weights

Type of Weights: Default (SDBS) Stepped Weight High Stepped Weight Low

Evaluation Objective	Custom Weights		Default (Values from SDBS Inverse Weight Survey)	
	Stepped Rankings	Weights Used in Trade-off Analysis	Stepped Rankings	Weights Used in Trade-off Analysis
Address Climate Change through Greenhouse Gas Reduction	8.7	13	8.2	8.20
Climate Resilience	9.6	10	9.6	9.60
Cost Effectiveness	8.5	9	8.5	8.50
Environmental Justice	8.7	8	8.7	8.70
Optimize Local Supplies	9.4	2	9.4	9.40
Project Complexity	7.3	6	7.3	7.30
Protect Habitats, Wildlife, and Ecosystem Services	9.2	11	9.2	9.20
Provide for Scalability of Implementation	7.7	5	7.7	7.70
Quality of Life/Recreation	7.4	7	7.4	7.40
Regional Economic Impact	7.8	9	7.8	7.80
Regional Integration and Coordination	8.5	4	8.5	8.50
Reliability and Robustness	10.0	1	10.0	10.00
Water Quality and Watersheds	10.0	12	10.0	10.00

Evaluation Objectives to Use

Evaluation Objective	Include in calculation?
Address Climate Change through Greenhouse Gas Reduction	Yes
Climate Resilience	Yes
Cost Effectiveness	Yes
Environmental Justice	Yes
Optimize Local Supplies	Yes
Project Complexity	Yes
Protect Habitats, Wildlife, and Ecosystem Services	Yes
Provide for Scalability of Implementation	Yes
Quality of Life/Recreation	Yes
Regional Economic Impact	Yes
Regional Integration and Coordination	Yes
Reliability and Robustness	Yes
Water Quality and Watersheds	Yes

Concepts to Use

Concepts	Include in calculation?
Conveyance Improvement	Yes
Enhanced Conservation	Yes
Gray Water Use	Yes
Groundwater	Yes
Imported Water Purchases	Yes
Potable Reuse	Yes
Recycled Water	Yes
Seawater Desalination	Yes
Stormwater BMPs	Yes
Stormwater Capture	Yes
Urban and Agricultural Water Use Efficiency	Yes
Watershed and Ecosystem Management	Yes

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Next Steps

- Incorporate STAC and RAC Comments
- Publish Task 2.5 Report
 - Report and Customized Tradeoff Analysis Tool will be posted to Reclamation website
- Finalize Summary Report July 2019
- SDBS Summary Presentation to RAC August 2019

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Questions?

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