

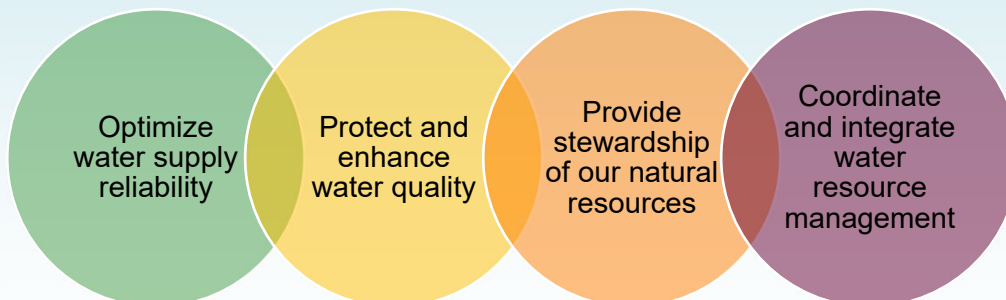
San Diego IRWM Program Integration Workshop *Proposition 1, Round 2*

April 6, 2022

1

The Ideal IRWM Project

- An integrated, multi-benefit water management project that achieves one or more IRWM goals:



Refer to the San Diego IRWM Plan for more information on the Program and Goals.

2

What is Integration?

- “I” in IRWM: combines separate pieces into an efficiently functioning unit (Department of Water Resources [DWR], 2016).
- Why is it important?
 - Creates better projects by leveraging resources and working together
 - Increases level of benefits for the Region
 - Improves likelihood project will receive IRWM grant funding
- Five integration types in SDIRWM



3

Type 1: Partnership Integration

- Establishing partnerships between different organizations
- Scoring Criteria
 - Active partnerships:
 - ❖ Working jointly on a task (4 points)
 - ❖ Working on separate tasks or providing financial support (2 points)
 - Passive support, such as letters of support, are not considered partnerships
 - Partners must be from different entities or organizations (e.g., 2 departments in a single large entity would not be considered partners for this scoring criterion)

If you are interested in partnering on a project, share your interest in the chat or email us at sdirm@woodardcurran.com

Please include the type of project and partnership you are interested in

4

Example Partnership Integration Project

- San Elijo Stormwater Capture & Reuse
 - Funded in Prop 1, Round 1
 - Sponsored by San Elijo JPA
 - Involves construction of stormwater capture and reuse improvements
- How does the project address integration?
 - San Elijo has partnered with The Nature Collective, a non-governmental organization
 - The Nature Collective will provide education and outreach activities regarding stormwater capture and reuse for community benefit



5

Type 2: Resource Management Integration

- Employing multiple resource management strategies within a single project to effectively address a variety of issues
 - DWR defines a resource management strategy as a project, program, or policy that local agencies can implement to manage water and related resources to meet integrated plan objectives
- Scoring Criteria
 - Based upon the number of IRWM objectives the project addresses
 - ❖ 6 or more objectives (4 points)
 - ❖ 5 objectives (3 points)
 - ❖ 4 objectives (2 points)
 - ❖ 3 objectives (1 point)

Refer to Chapter 8 of the SDIRWM IRWM Plan for more information on resource management strategies.

6

6

SDIRWM Objectives

- Objective A: Encourage the development of integrated solutions to address water management issues and conflicts.
- Objective B: Maximize stakeholder/community involvement and stewardship of water resources, emphasizing education and outreach.
- Objective C: Effectively obtain, manage, and assess water resource data and information.
- Objective D: Further the scientific and technical foundation of water management.
- Objective E: Develop and maintain a diverse mix of water resources, encouraging their efficient use and development of local water supplies.
- Objective F: Construct, operate, and maintain a reliable and resilient water management infrastructure system.
- Objective G: Enhance natural hydrologic processes to reduce the effects of hydromodification and encourage integrated flood management.
- Objective H: Effectively reduce sources of pollutants and environmental stressors to protect and enhance human health, safety, and the environment.
- Objective I: Protect, restore, and maintain habitat and open space.
- Objective J: Advance water-based enriching experiences.

7

See Scoring Criteria Handout



7

Example Resource Management Integration Project

- Conservation Home Makeover in the Chollas Creek Watershed
 - Funded in Prop 84, Round 4
 - Sponsored by Groundwork San Diego – Chollas Creek
 - Installed stormwater capture, greywater systems, and landscape upgrades
- How does the project address resource management?
 - It increased urban water use efficiency, reduced runoff by capturing stormwater, and improved management of local resources



8

Type 3: Beneficial Use Integration

- Project solutions can be implemented to support several different beneficial uses
 - Beneficial uses are the uses of water necessary for the survival and well being of people, plants, and wildlife
- Scoring Criteria
 - Score is based on number of beneficial uses addressed
 - ❖ 4 or more beneficial uses (4 points)
 - ❖ 3 beneficial uses (3 points)
 - ❖ 2 beneficial uses (2 points)
 - ❖ 1 beneficial use (1 point)

Refer to Chapter 3 of the SDIRWM IRWM Plan or https://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/ for more information.

9

9

Example Beneficial Use Integration Project

- North San Diego County Regional Recycled Water Project – Phase II
 - Funded in Prop 84, Round 2
 - Involved ten partner agencies
 - Implemented eight priority sub-projects identified in Phase 1
- How does the project address beneficial uses?
 - Integrated urban and agricultural-based recycled water systems
 - Maximized the use of recycled water systems across a variety of agency service areas
 - Provided recycled water for industrial, municipal, and agricultural beneficial uses



10

Type 4: Geographic Integration

- Implementing watershed- or regional-scale projects that may benefit from economies of scale
- Scoring Criteria
 - Based upon the level of integration that the project achieves across multiple watersheds
 - ❖ Multiple watersheds (4 points)
 - ❖ Integration within a single watershed (2 points)
 - ❖ Only-site specific (0 points)



11

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11

Example Geographic Integration Project

- Implementing Nutrient Management in the Santa Margarita River Watershed – Phase II
 - Funded in Prop 84, Round 2
 - Sponsored by the County of San Diego in partnership with the Riverside County Flood Control and Water Conservation District
 - Joint project between the SDIRWM Region and Upper Santa Margarita IRWM Region
 - Established appropriate water quality objectives for the Santa Margarita River and Estuary
- How does the project address geographic integration?
 - Watershed-scale and Inter-regional project
 - ❖ Involved the Upper Santa Margarita Watershed IRWM Region
 - Enabled regions to shared financial, technical, and knowledge resources



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12

Type 5: Hydrologic Integration

- Addressing multiple watershed functions within the hydrologic cycle
- Projects meet this integration criterion by addressing:
 - Dominant hydrologic processes
 - Existing streams in a watershed
 - Current or anticipated future land uses that may impact the hydrologic cycle
 - Sedimentation or sediment yield areas
 - Existing flood control structures or channel structures and associated hydromodification

13

13

Example Hydrologic Integration Project

- Chollas Creek Integration Project – Phase II
 - Funded in Prop 84, Round 2
 - Sponsored by the Jacobs Center for Neighborhood Innovation
 - Implemented restoration activities along key portions of Chollas Creek
- How does the project address hydrologic integration?
 - Addressed different components of the hydrologic cycle
 - ❖ Flooding and water quality issues through creek realignment, physical control, and habitat restoration



14

Breakout Rooms - Tips to Identify Potential Partners

Identify aligning goals

Determine resources that can be shared and utilized

Identify the location of the project

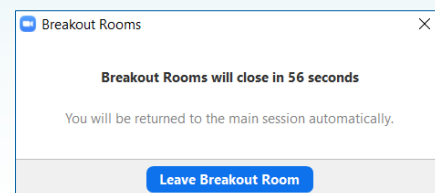
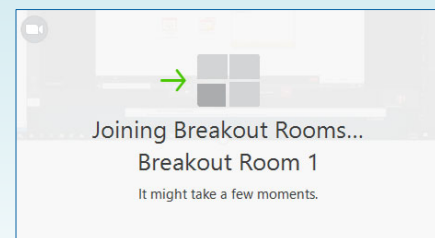
Discuss the potential project benefits

The goal is to create project synergies by geography and/or water management.

15

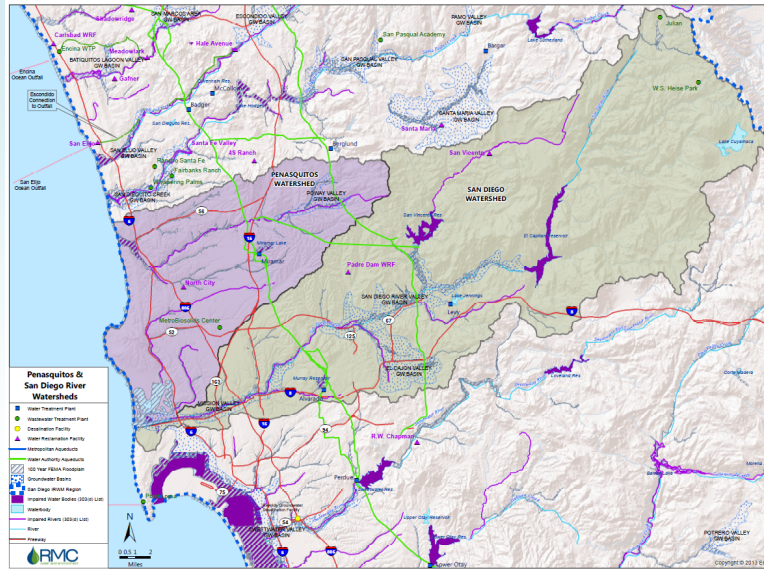
Breakout Rooms

- Choose the appropriate breakout room based on geography
 - Breakout Room 1: Northern Watersheds
 - Breakout Room 2: Southern Watersheds
- Please be patient – it may take a few seconds to join the room
- You will receive a 1-minute warning prior to the end of the breakout sessions
 - You will be automatically returned to main meeting room
- If you lose your connection, you can choose to rejoin the same breakout room



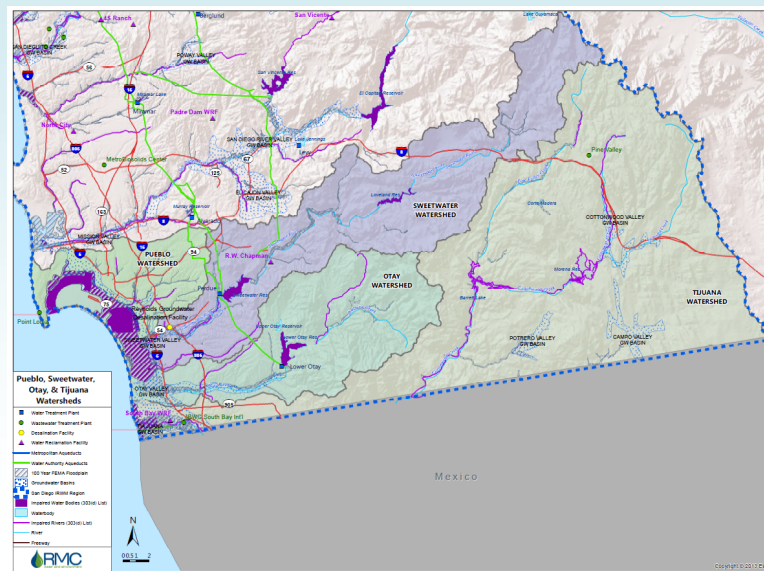
16

Breakout Room 2: Southern Watersheds



19

Breakout Room 2: Southern Watersheds



20

Summary and Next Steps

- Please submit your projects through OPTI
- Call for Projects will close at 11:59 pm on **Friday, May 13th**
- Save the Date: Virtual Technical Workshop on **May 2nd**
 - In-person attendance is available if requested

Questions?

Contact: Sally Johnson at sjohnson@woodardcurran.com or
Nicole Poletto at npoletto@woodardcurran.com

21

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21

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22