



**WATER**  **TOMORROW**  
Integrated Water Resources Plan

# Overview of the Integrated Water Resources Plan Update

Southern California Water Dialogue  
September 23, 2015

# IRP Background



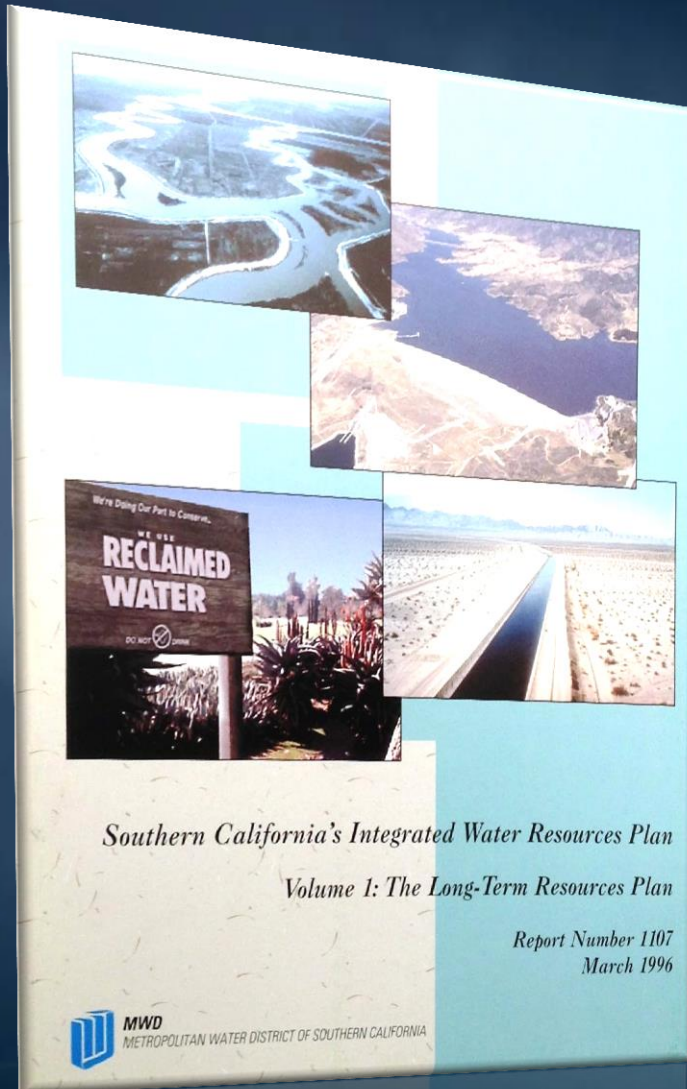
# IRP Background

- What is the Integrated Water Resources Plan?
  - A comprehensive long-term strategy to identify potential resource development needs, adaptation measures, and implementation pathways
- IRP Objectives
  - Ensure reliability
  - Ensure affordability
  - Ensure water quality
  - Maintain diversity and flexibility
  - Acknowledge constraints

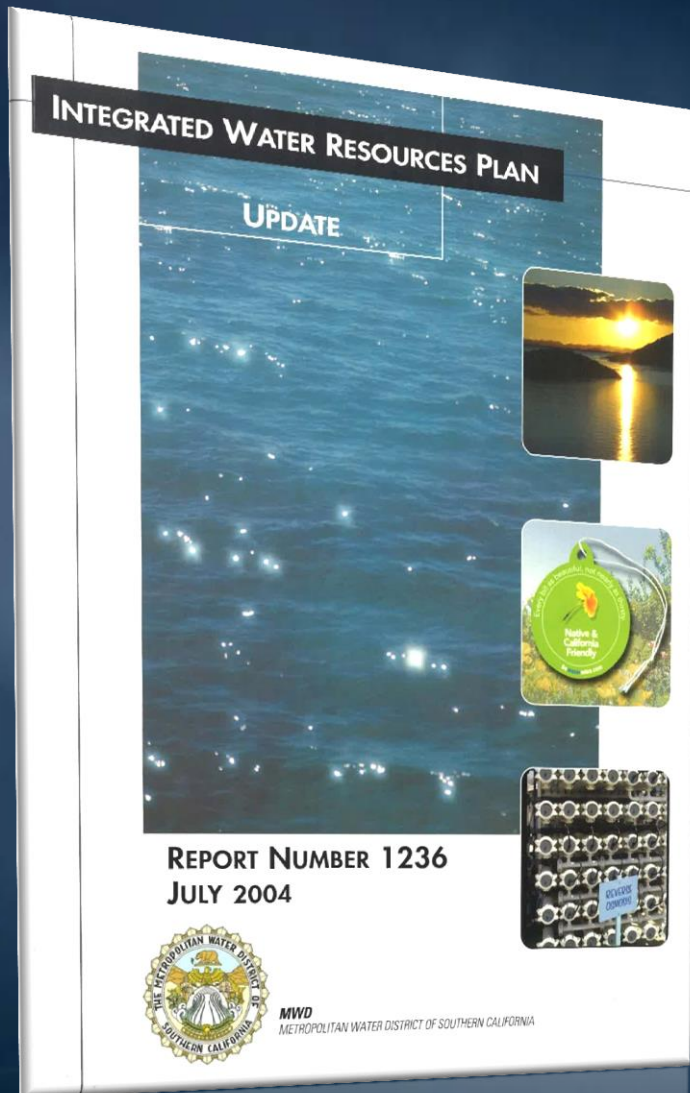
# IRP History: 1996

- Established MWD's role as a regional water planner
- Introduced a diversified portfolio approach
- Established targets for major resource categories
- Established regional reliability goal:

*“Full-service demands at the retail level would be satisfied under all foreseeable hydrologic conditions”*

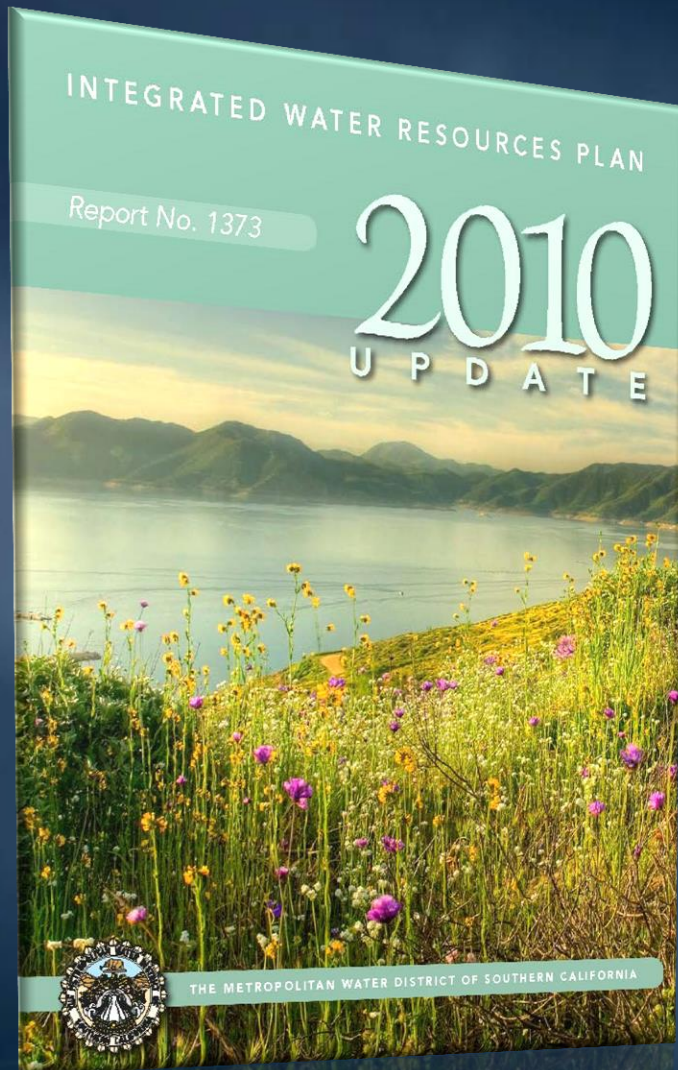


# IRP History: 2004 Update



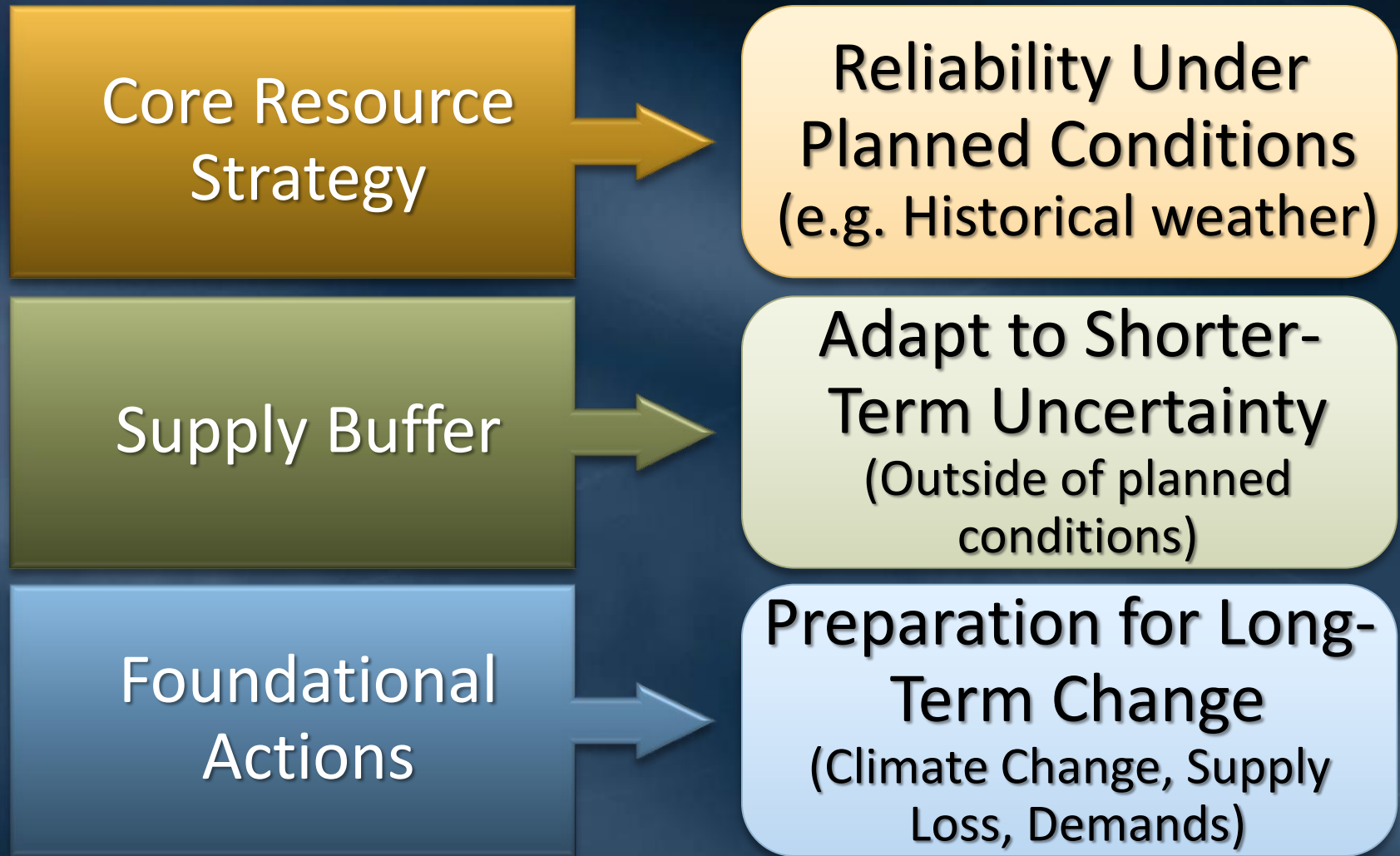
- Placed further emphasis on conservation and local resources development
- Introduced the concept of a “planning buffer”

# IRP History: 2010 Update



- Introduced an adaptive management approach
- Sought to stabilize imported supplies and meet growth through water use efficiency and local resources

# The Adaptive Management Approach



# Key Drivers for the 2015 Update

- Incorporate changed conditions impacting supplies and demands
- Respond to new challenges
- Refine long-term storage management strategy
- Overcome barriers to implementation
- Come to agreement on consistent/standard terms and definitions



# Update Process

- Technical update (2015)
  - People, economy, water demands
  - Climate change, hydrologic scenarios
  - Water supplies from existing and new projects
  - Reliability analysis
  - Setting resource and conservation targets
- Implementation policy issues (2016)
  - How might we reach the resource targets?

# 2015 IRP Technical Update Goals

- Review and update IRP resource targets
- Assess strategy for managing short and long term uncertainty
  - Core Resources Strategy
  - Supply Buffer
  - Foundational Actions
- Review IRP resource issue papers
- Communicate technical findings and identify policy needs for Board policy discussions

# Summary

- The IRP represents Metropolitan's long-term plan to assure adequate water supplies for Southern California
- The IRP sets water resource targets to help meet the region's needs over the next several decades
- These targets will help guide policy discussion and investment decisions for imported and local water supplies as well as demand management through conservation



