



2020 Urban Water Management Plan

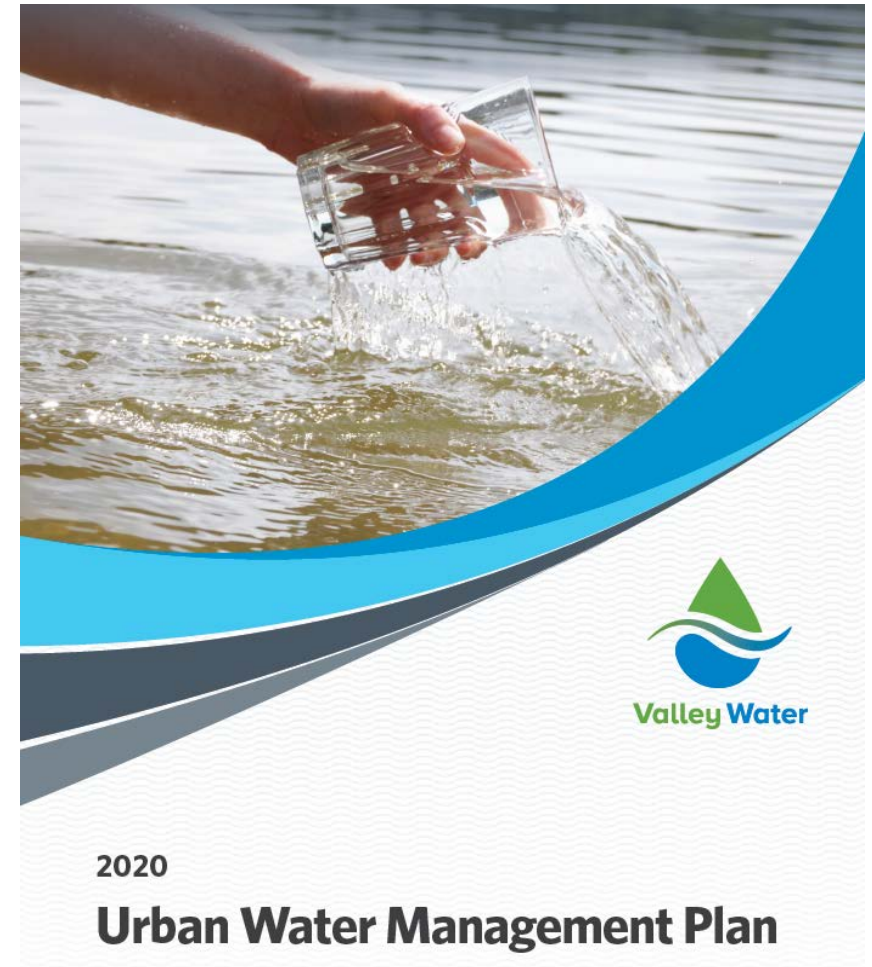
Presented by: **Jing Wu**, Ph.D., Senior Water Resources Specialist

Board of Director Meeting

June 8, 2021

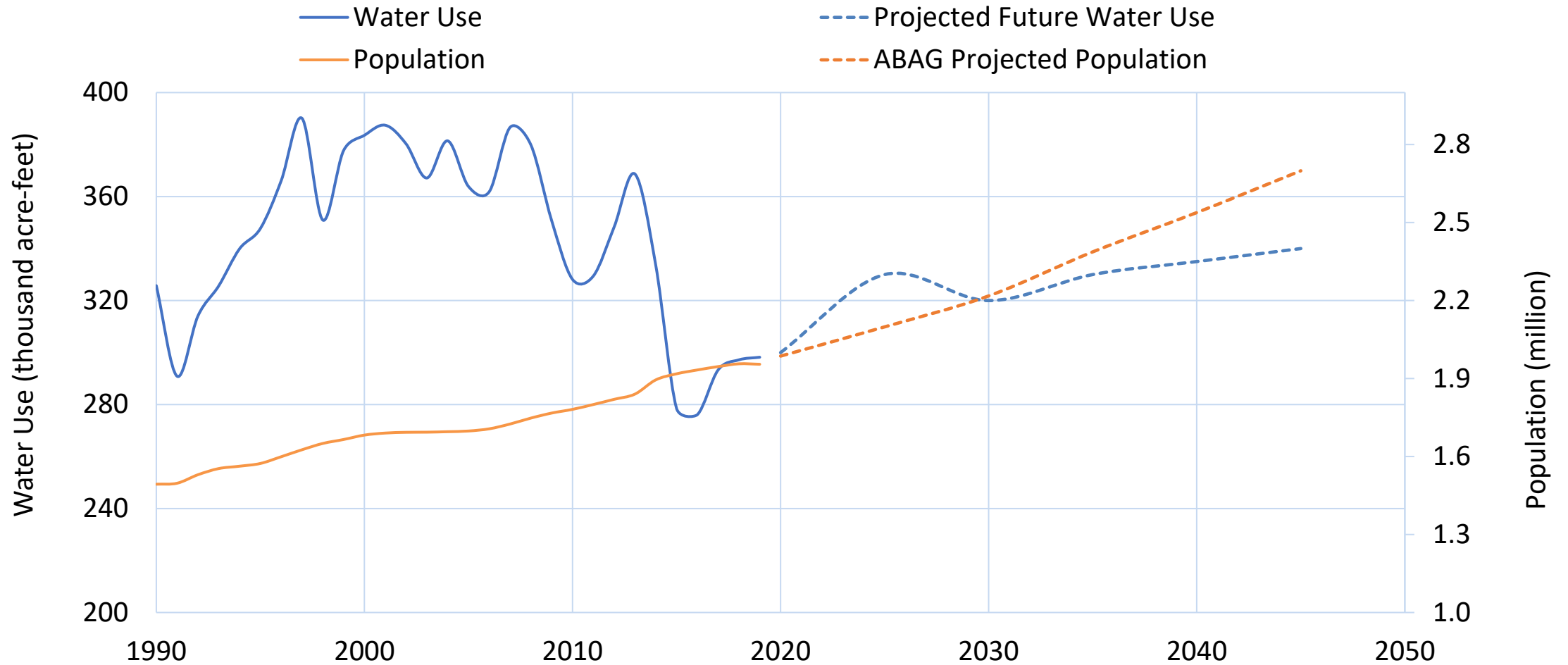
Urban Water Management Plan

- State requirement
- Water conditions and management
 - Demand
 - Supply
 - Reliability
 - Conservation
 - Contingency planning
- Statutory deadline - July 1, 2021



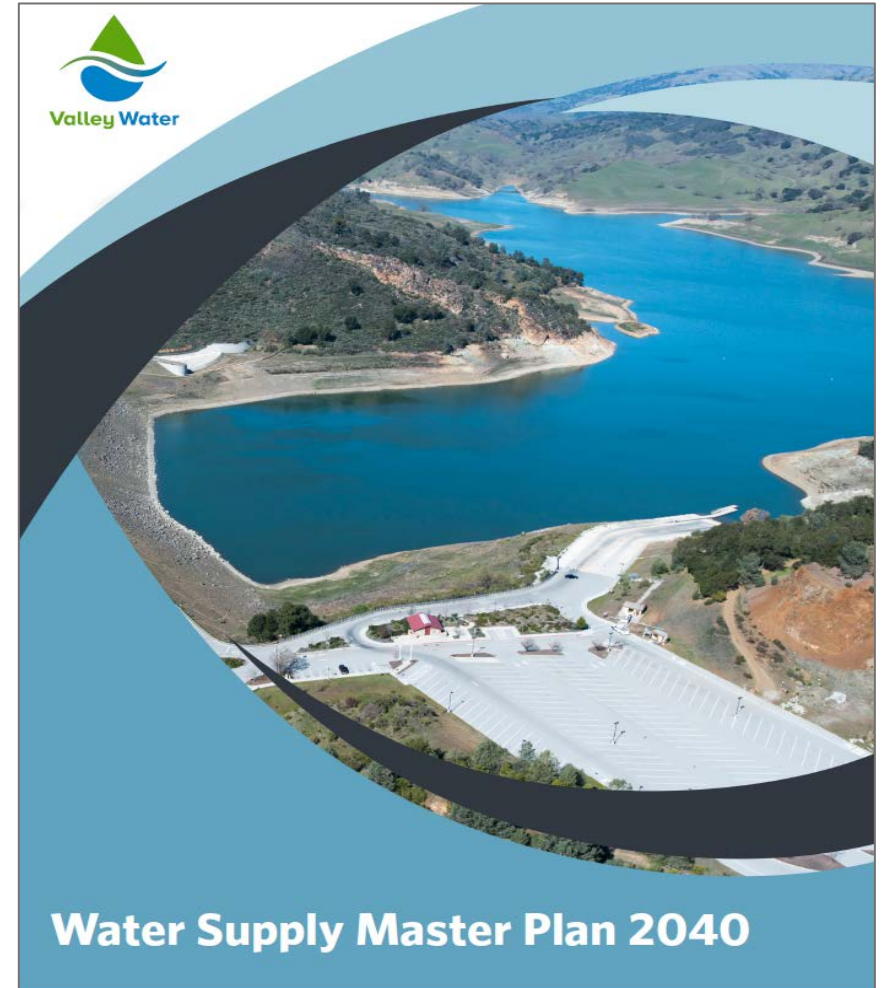
Demand Projection

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Existing and Projected Water Supplies

- Water Supply Master Plan recommended projects
- Delivery Capability Report 2019
- Meet Level of Service Goal



Water Supply Reliability

- No shortage under normal and dry years
 - Lower demand
 - Planned water supply projects
 - Higher imported water delivery
- Master Plan and MAP for evaluating investment strategy

Water Shortage Contingency Plan

- Actions and procedures for managing water shortages
- Legal Authority
- Communication
- Financial impact

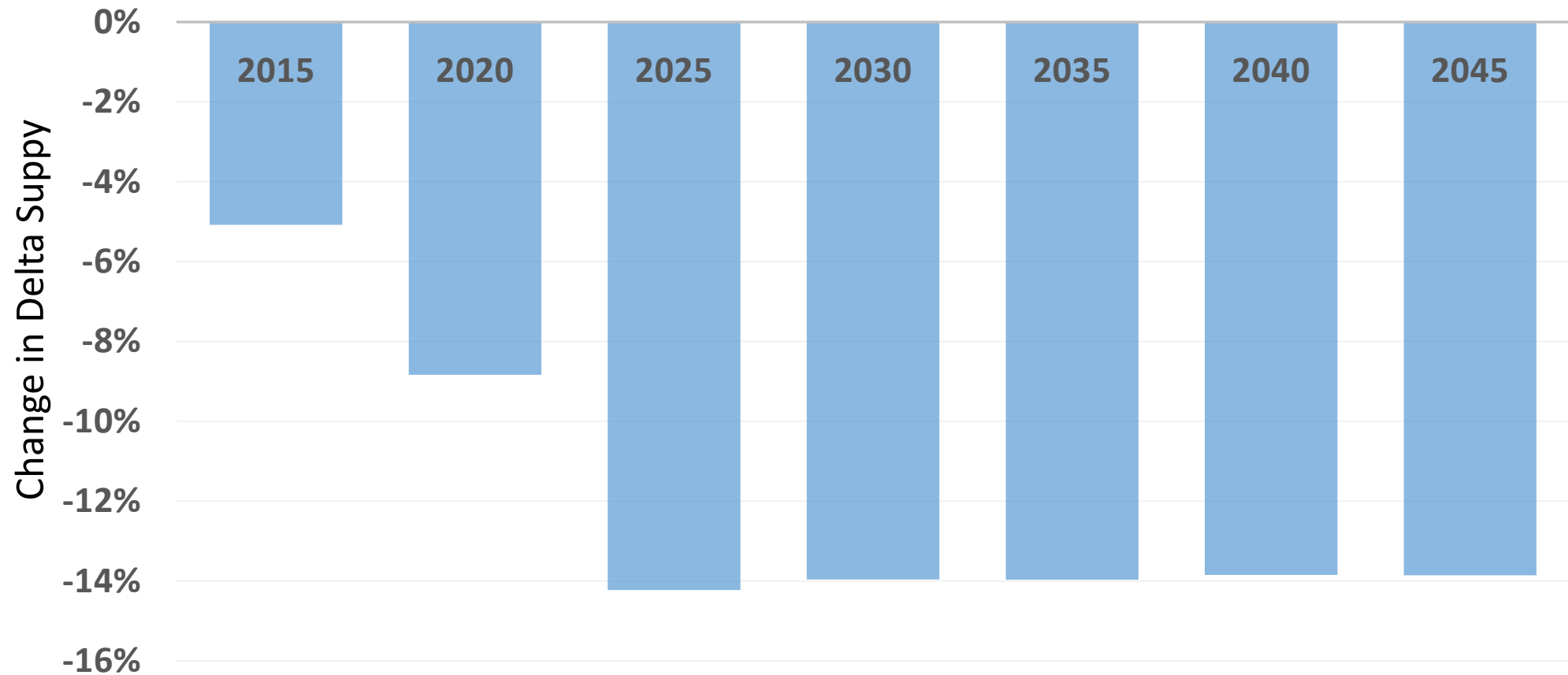
Stage	Title	Projected Countywide End of Year Groundwater Storage (AF)	Suggested short-term reduction in water use
1	Normal	>300,000	None
2	Alert	300,000 - 250,000	0-10%
3	Severe	250,000 - 200,000	10-20%
4	Critical	200,000 - 150,000	20-40%
5	Emergency	<150,000	Over 40%

Stage	Standard water shortage levels
1	Up to 10%
2	10 to 20%
3	20 to 30%
4	30 to 40%
5	40 to 50%
6	> 50%

Reduced Delta Reliance

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Change in Delta Supplies in Valley Water's Water Supply Portfolio from 2010 Baseline



Next Steps

- Finalize the plan
- Submit plan to State, County, and cities

Recommendations

- Adopt 2020 Urban Water Management Plan
- Adopt Water Shortage Contingency Plan
- Adopt Delta Reliance Addendum to 2015 Plan

QUESTIONS

