



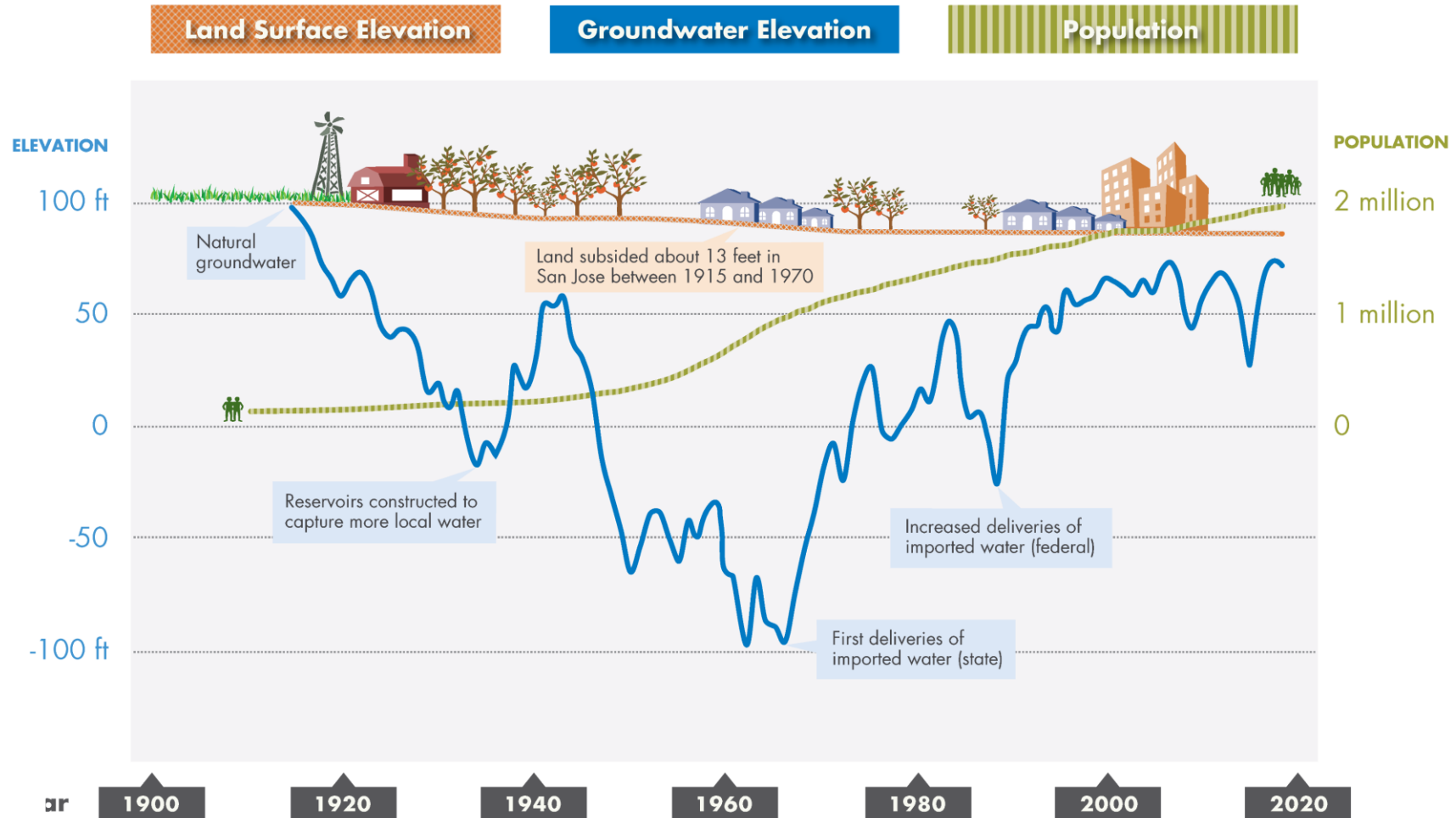
Water Demand Forecasting

Samantha Greene, Ph.D., Water Supply Planning and Conservation Unit

Investing in Water Supply Reliability

SANTA CLARA COUNTY GROUNDWATER AT-A-GLANCE

a graphic representation not intended as a technical exhibit



Water Supply Reliability

3

Level of Service Goal

Develop water supplies designed to meet 100 percent of demands identified in the Water Supply Master Plan in non-drought years and at least 80 percent of average annual water demand in drought years.

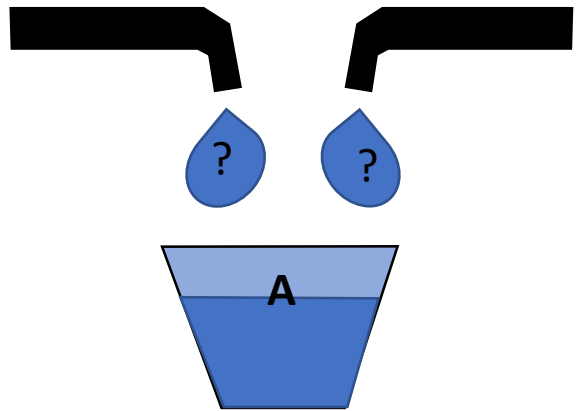
(BAO Strategy 2.4)



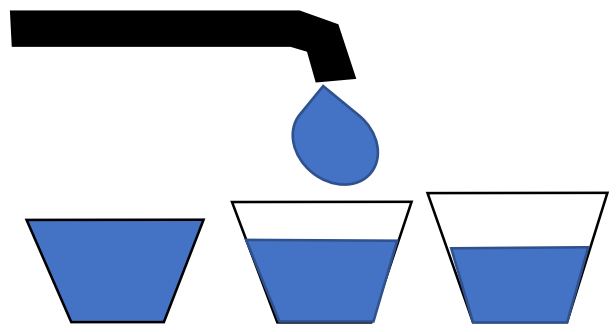
Potential Future Demands and Supplies

WATER SUPPLY PLANNING PROCESS

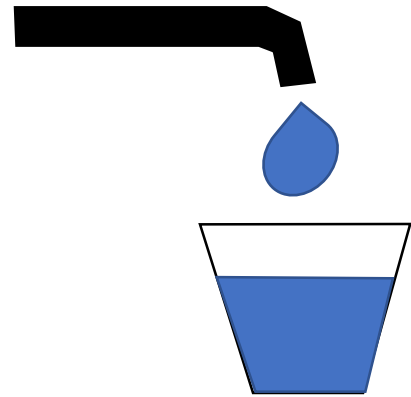
Monitor Chosen Strategy and Demands



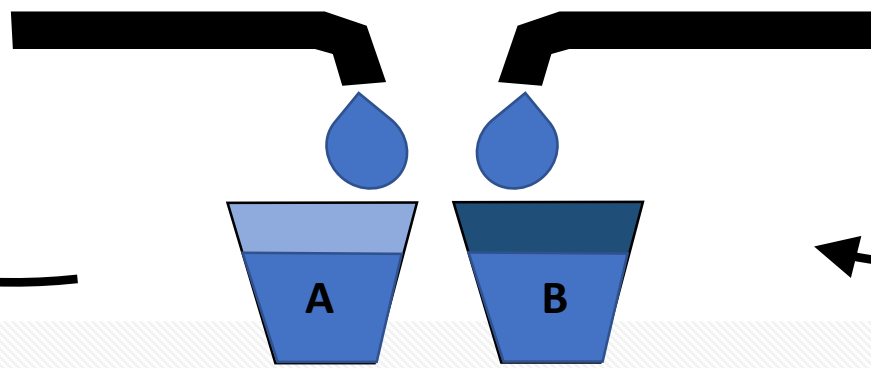
Potential Future Demands and Supplies



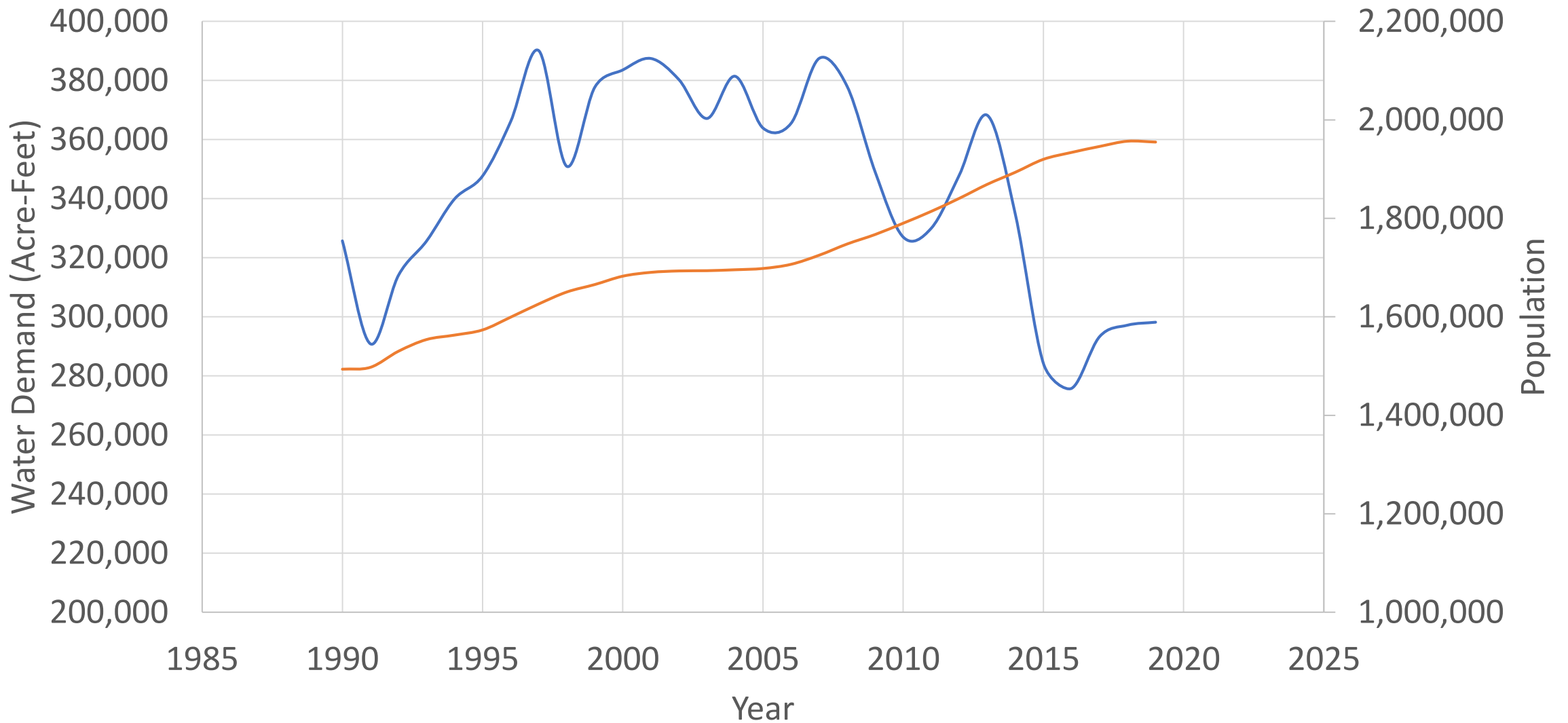
Determine Potential Supply Shortage



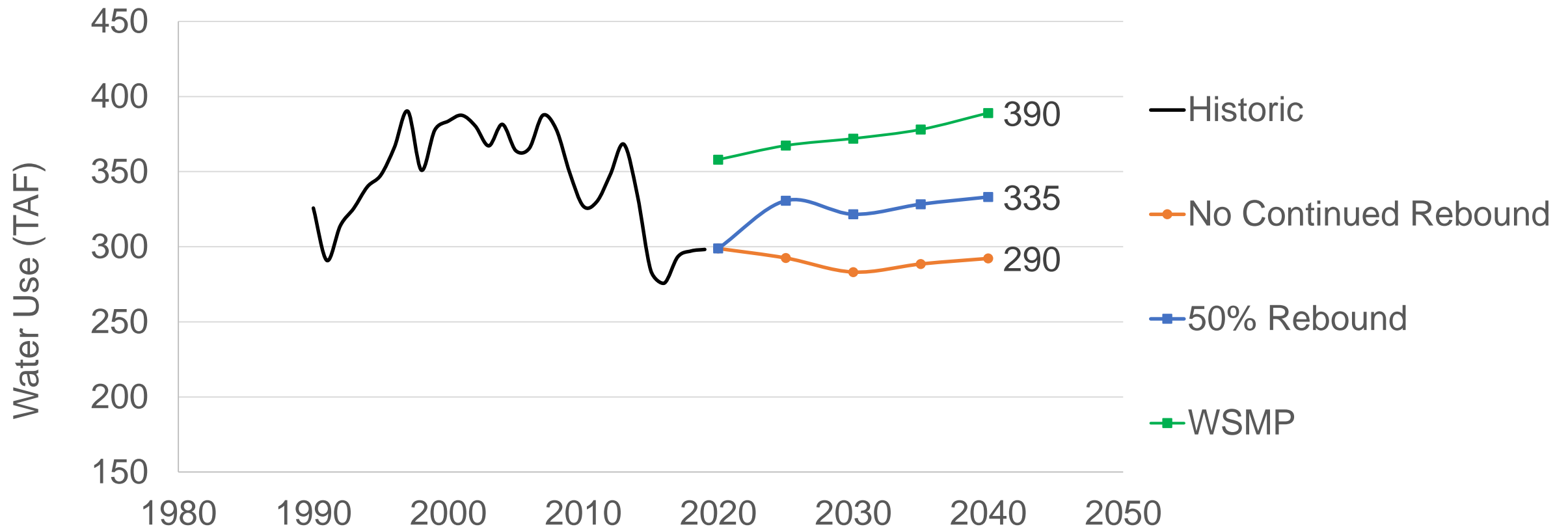
Determine Investment Strategy to Address Potential Supply Shortage



Historic Water Use and Population



Historic and Projected Water Use (Including Conservation)



The Road to Water Supply Security



AMI = Advanced Metering Infrastructure

Next Steps

- Use the 50% rebound scenario for the MAP analysis
- Use the demand model results for internal UWMP analyses and in discussions with retailers related to the UWMP
- Continue uncertainty analysis
- Provide annual updates each fall