

# Asset Management

## SWP Aging Infrastructure and BCP Positions

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# State Water Project (SWP) Resilience to Climate Change

- Primary challenges
  - Changing hydrology
  - Wildfire impacts to watersheds
  - Aqueduct subsidence
  - Aging infrastructure
- State Water Project is resilient by design
  - Storage and conveyance facilities are designed to flexibility in operations
  - Adaptive management of water and power operations

***Manage SWP infrastructure reliability to maintain system resilience and operational flexibility***



# SWP Asset Management

## Division of Operations and Maintenance Asset Management efforts began in 2015

- Asset management system built upon the ISO 55001 international standard
- Primary components
  - **Asset Management**
    - Management system
    - Risk Management
    - Asset planning
    - Maintenance planning
    - Maintenance tracking
  - **Emergency Preparedness**
    - Preparation
    - Contingency planning



# Current SWP Asset Management Initiatives

## Reliability Actions

- Asset Management
  - Updated asset register
  - Transformer AM Plan
  - South Bay Aqueduct AM Plan
- Maintenance Management
  - Updated maintenance plans
  - SAP Mobility

## Resilience Actions

- Emergency Preparedness
  - Program Initiation
  - Training
  - Emergency response exercises
- Forecast-Informed Reservoir Operations
  - Feather River watershed
- Lake Oroville Water Control Manual Update



# New State Water Project Positions

2021 – Legislature approved the SWP Aging Infrastructure Budget Change Proposal

- 150 positions over 4 years
  - Asset Management (AM)
  - Maintenance Management (MM)
  - Maintenance (Trades & Crafts)
  - Emergency Preparedness (EP)
  - Operations Planning (OP)

## Fiscal Year 2021-2022

- 67 positions
  - Division of Operations & Maintenance
    - AM/MM – 28
    - Maintenance – 20
    - EP – 3
    - OP – 2
  - Division of Engineering
    - Engineering/support - 14

