

# Structured Decision-Making (SDM) steps

# Delta Prototype SDM

Identify vested parties, the issue, and the spatial and temporal extent

**1. Identify the problem**

Water is limited in the Delta



Establish quantifiable fundamental objectives

**2. Objectives**

Increase Delta smelt and Chinook salmon populations  
Provide water for agriculture



Identify possible management actions

**3. Alternatives**

14 candidate management actions identified

Models predict outcome of decisions

**4. Consequences**

Create "influence diagram" to predict consequences



Rank management alternatives

**5. Trade offs**

Fremont Weir Notch: greatest benefits with least negative consequences



Optimal decisions are fully analyzed

**6. Sensitivity**

Fremont Weir Notch was fully analyzed

Data collection and management actions taken

**Implement**

A full SDM process would be beneficial in the Bay-Delta