

# **Specific Consideration for Conveyance Across the Delta**

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# Overview

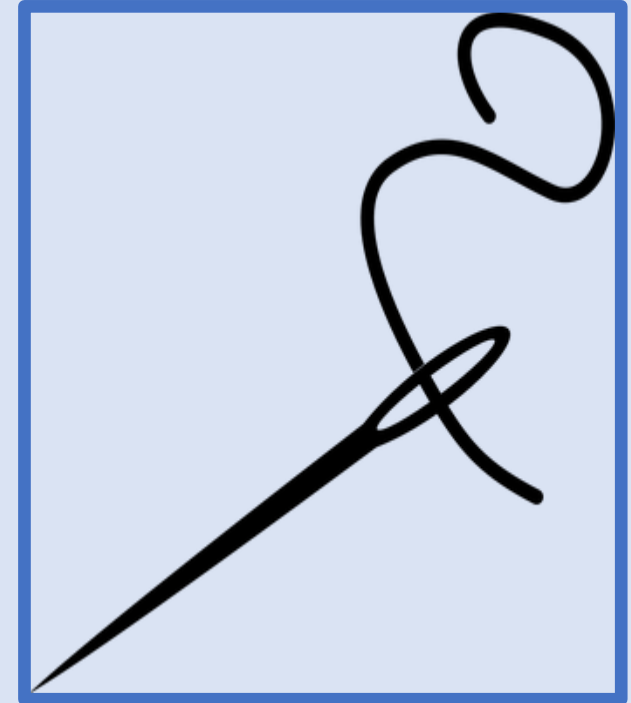
- Highly Variable Watershed
- Conveyance Through the Delta
- Regional Differences
- Capacity Constraint Awareness
  - Current
  - Prospective





# Conveyance Through the Delta

- Delta is both Hub and Chokepoint
- State Policy Requires Reduced Reliance
- Conveyance Depends on:
  - Protecting Water Quality, Particularly in Dry Years
  - Avoiding Injury to Others
  - Protecting the Environment
  - Getting the Timing Right
  - Minding Point-to-Point (and everything in between)
  - Threading the Approval Needle



# Regional Differences

- Regions in the Delta Watershed Have Dramatically Different Opportunities, Constraints and Concerns
  - **North** (area of origin, source of intrastate transfer water, rapid groundwater recharge, large reservoirs)
  - **Delta** (ample local supply, relies on watershed for quality, impossible to “squeeze” incremental export)
  - **South-of-Delta** Is Differentiated Between
    - Urban (massive investments to accommodate variable supply)
    - Ag (massive investments hardening demand in the face of variable supply, with new gw constraints)
- Competing Interests Generate Conflict

# Capacity Constraint Awareness

- Every Diversion from the Delta has Limited Capacity
  - Varies by Hydrologic and Regulatory Condition
  - Is Allocated According to Priority
  - Presents Inherent Uncertainty
  - Multiple Gatekeepers have Multiple Approval Processes
- Public Benefit Is Stuck in the Conveyance Queue
  - Value of Water is Variable with Location and Time
  - Conveyance Capacity Across the Delta Remains Dear
  - Planning Must Incorporate a High Degree of Uncertainty

# Summary



CHALLENGES FACING  
THE SACRAMENTO-SAN JOAQUIN DELTA

**Complex, chaotic or simply cantankerous?**

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