Delta Challenges Workshop
Panel 2: Water Supply Reliability
Water Project Operations/Supply

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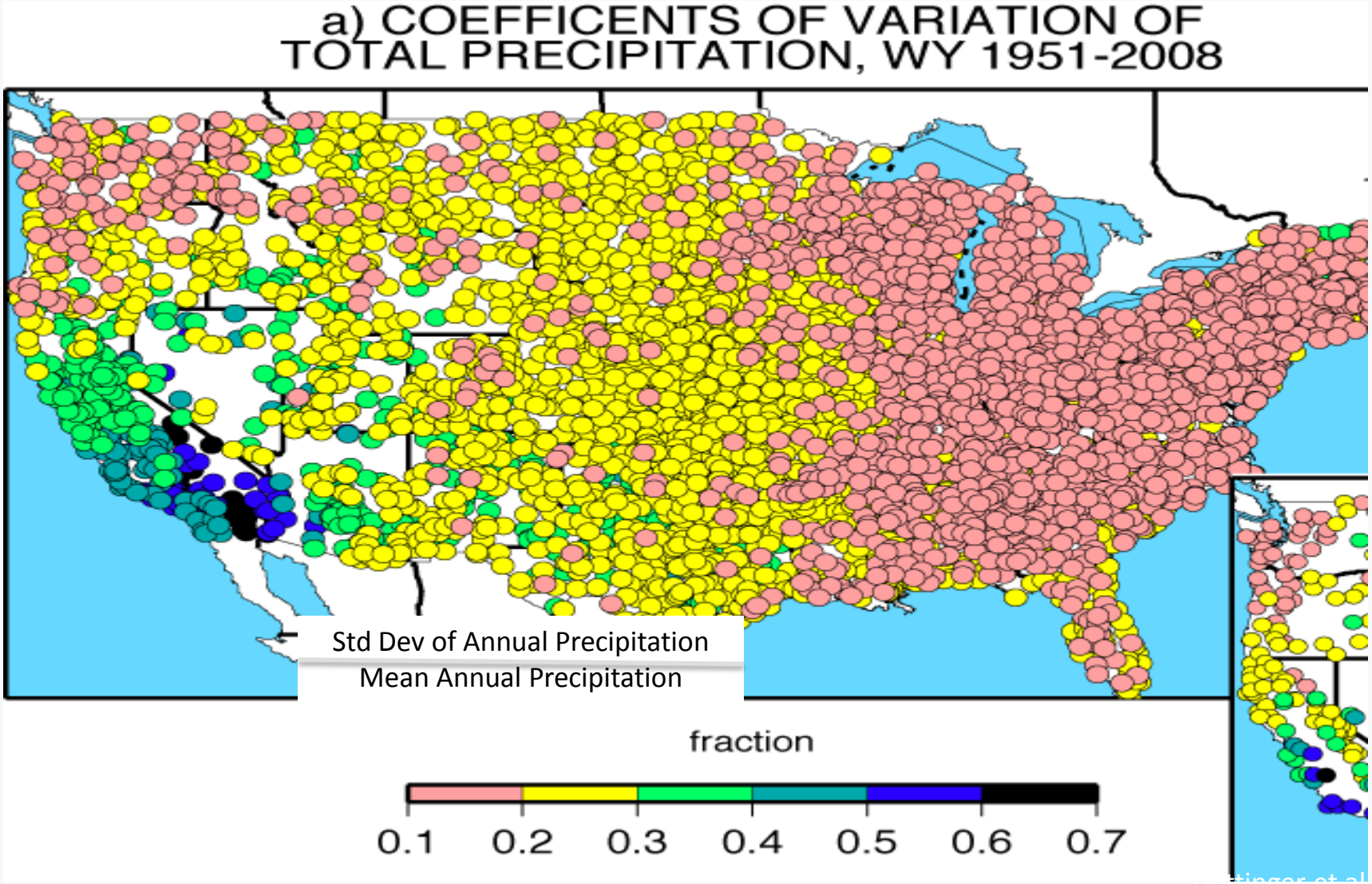
Water Project Challenges

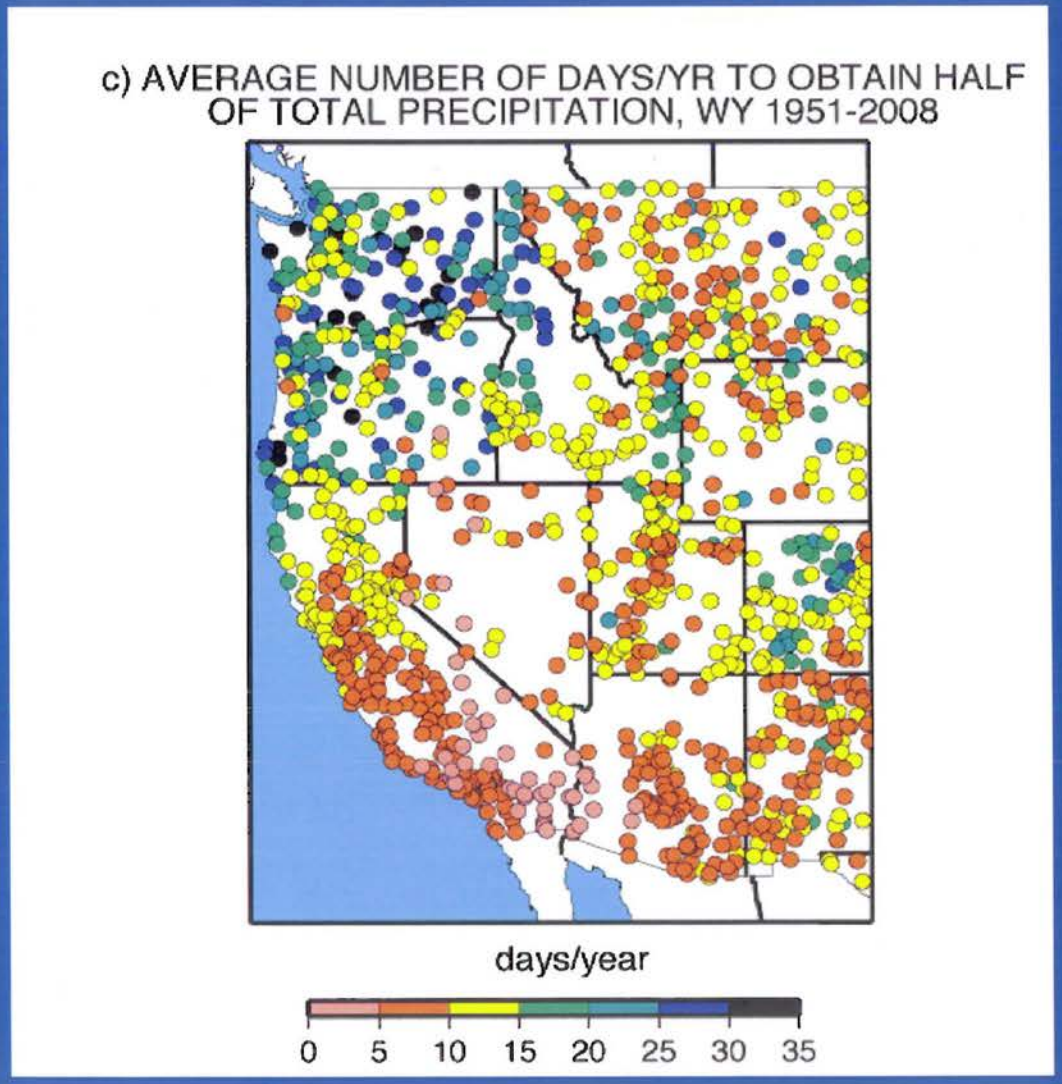
- Hydrologic Uncertainty
- Regulatory Uncertainty
- Operational Flexibility

California's Precipitation is Uniquely Variable



Dettinger et al, 2011

Storms and California Water Supply

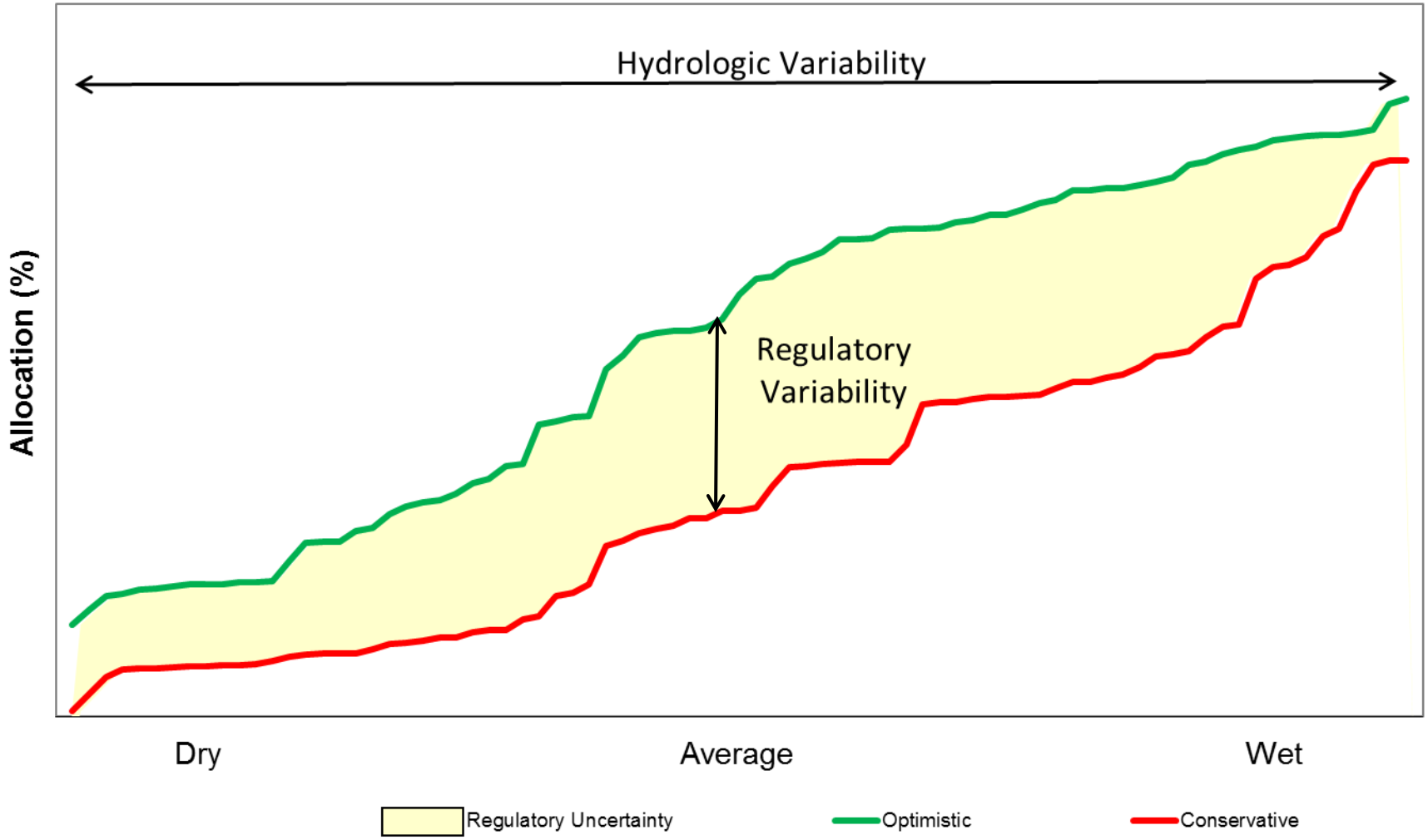


Just a few storms each year are the core of California's water supplies

Dettinger et al, 2011

Regulatory Uncertainty

- Long-Term
  - D-1485 (1978)
  - COA (1986)
  - CVPIA (1992)
  - D-1641 (2000)
  - USFWS BiOp (2008)
  - NMFS BiOp (2009)
  - WQCP Periodic Review?

- Annual Implementation
  - OMR Flow Ranges
  - Ecological Triggers

Annually Forecasted SWP Water Supply Allocation