Delta Levees Standards Conference

Sponsored by Delta Protection Commission Water Education Foundation

With Support From:

- ATKINS
- Central Delta Water Agency
- Contra Costa Water District
- Kjeldsen, Sinnock & Neudeck, Inc.
- MBK Engineers
- South Delta Water Agency
- The Dutra Group
- The Nature Conservancy

Additional Assistance:

Planning and Conservation League Natural Resources Defense Council American Rivers



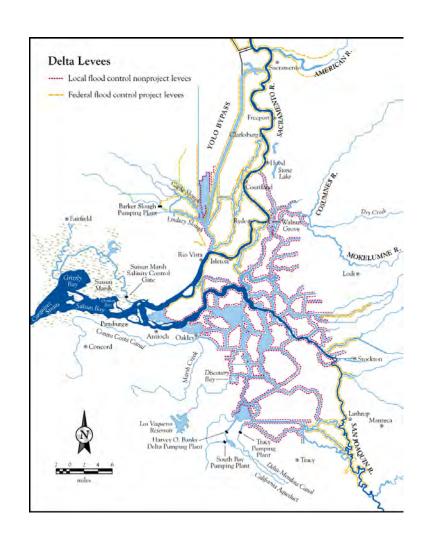




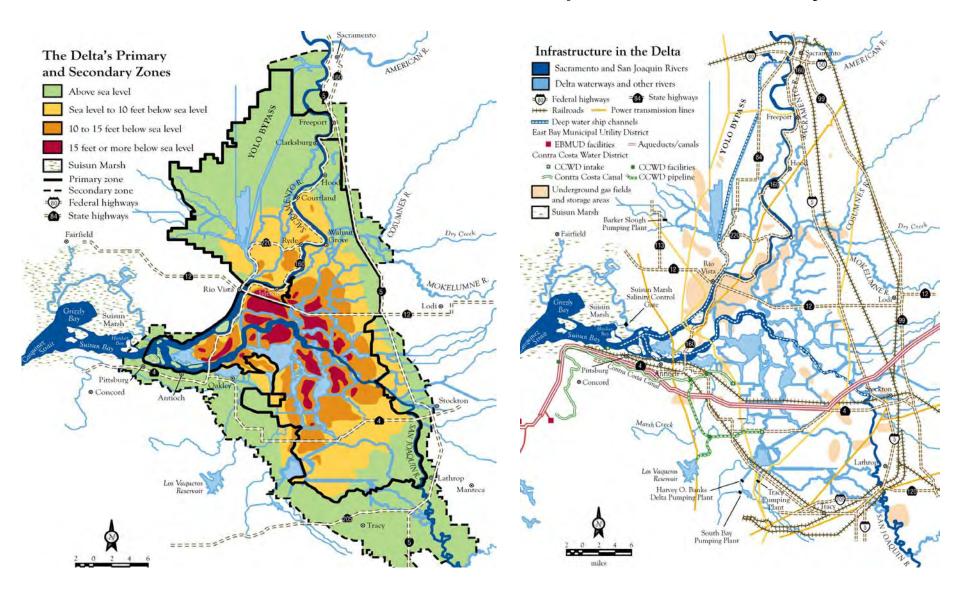


The Sacramento-San Joaquin Delta

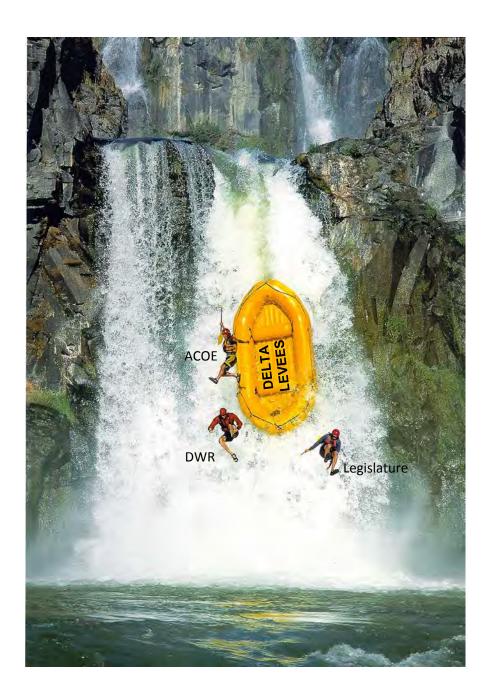
- A reclaimed freshwater tidal estuary
- Configured in its current form by the 1930's
- Soil loss led to the formation of deep polders and a levee arms race
- Became a federal and state water supply hub by 1980's
- Late 1990's through today a multiply stressed ecosystem



The Sacramento-San Joaquin Delta Today



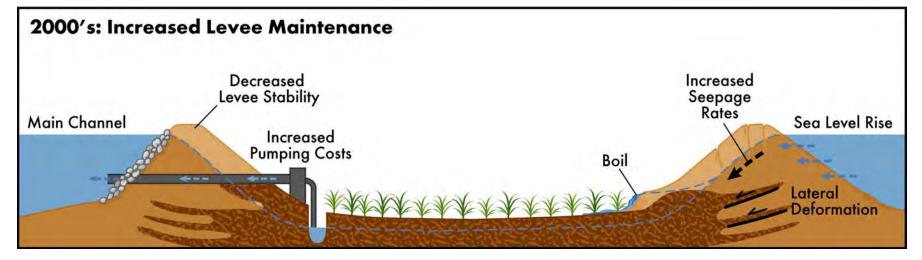
Federal, State and Local agencies are not paddling together



Why Levee Standards?

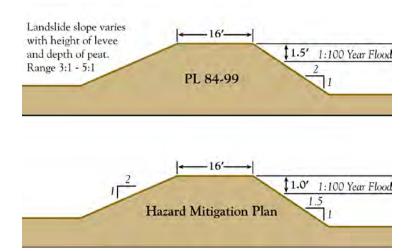
- Reduction in risk
- Expectation of performance
- Discourages cost externalization
- A clear, measurable policy instrument

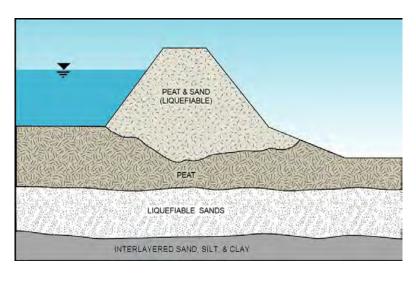




Today's Levee Standards

- Public Law (PL) 84-99
 Standards
 - Set by USACOE
 - Qualifies districts for federal assistance and rehabilitation
- Hazard Mitigation Plan (HMP)
 - Set by State and Fed
 - Minimum standard to qualify for FEMA aid





Today's Perspectives

Levee Standards

Dante Nomellini

Dave Mraz

Delta Levees and Conveyance

John Herrick

Jerry Meral

Delta Levees and Habitat

John Cain

Cindy Tejeda

Delta Levees and Public Safety

Bill Croyle

Ron Baldwin





...and the Responses

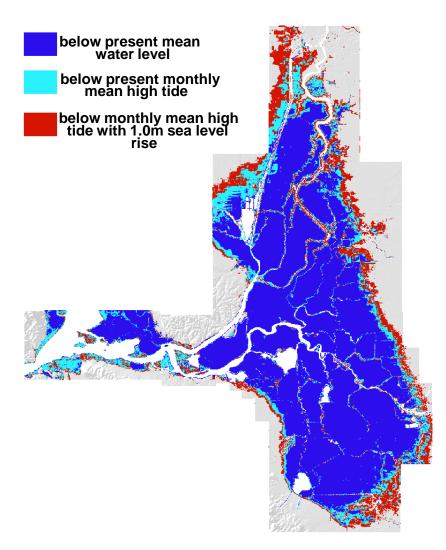
Jason Peltier
Randall Neudeck
Steve Mello
Chris Neudeck
Jonas Minton
Gail Newton
Rick Poeppelman



Perspectives on Standards







Courtesy: Noah Knowles, USGS