State Levee Investments in Delta

California Water Plan: Delta Regional Forum

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Delta Levees:

State Plan of Flood Control (SPFC) = Project Levees

- Established in 1957
- 315 miles SPFC levees
- 715 miles non-SPFC levees
### Examples of SPFC Pros & Cons

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<th>Pros</th>
<th>Cons</th>
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<tr>
<td><strong>Federal Feasibility</strong></td>
<td>Standardized assumptions used in economic benefit-cost assessment</td>
<td>Greater local cost share for project improvements</td>
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<tr>
<td>(Justification) Process</td>
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<td>Length time frame to move from concept to construction</td>
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<td><strong>Federal Levee Design</strong></td>
<td>More engineers familiar with basic design (including USACE design services)</td>
<td>Basic designs do not directly take into account unique hazards &amp; needs of estuaries such as the Delta</td>
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<td>Standards</td>
<td>High performance standards and factors of safety</td>
<td>Greater costs associated with higher performance standards and factors of safety</td>
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<td>Periodic USACE inspection program</td>
<td>Changing Federal standards &amp; compliance costs</td>
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<td><strong>Federal Permitting</strong></td>
<td>Additional opportunity to assessment risk transfer &amp; public comment</td>
<td>Time &amp; cost for additional permitting results in increased overall project design costs</td>
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<tr>
<td>Process</td>
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<td>Federal reauthorization required for any improvements</td>
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State Levee Improvement Programs

- Delta Subventions Program (non-SPFC levees)
- Delta Special Projects Program (any)
- Central Valley Flood Protection Plan (SPFC levees)
  - Regional Flood Planning
  - Basin-wide Feasibility Study
California Flood Future Investigation

• DWR & USACE effort to inform statewide flood management activities

• Met with 142 local agencies

• Goal to characterize CA flood risk, needed investment, & provide recommendations
Central Valley Public Safety System Investments

Needs Assessment & System Approach

Basin-wide Feasibility Studies

High-Level Vision

Regional Flood Planning

Feasibility Level

Project-Specific Level

On-the-Ground Projects

2012 Central Valley Flood Protection Plan
A plan for improved flood safety, environmental sustainability, and long-term economic stability
Staying Informed & Getting Involved

Local
- Contact your Local Maintaining Agency (LMA) / Reclamation District

Regional
- Ask County Board of Supervisors about County / City General Plans
- Ask County (Emergency Response) Operational Area about Evacuation Plans

State
- Subscribe to DWR’s Water Plan and FloodSAFE email lists
- Visit Central Valley Flood Protection Board web site
Questions

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