

Alternative Approaches for Guiding State Investments in Delta Levees

	<p>Alternative 1: Business as Usual (No Project Alternative) <i>All goals important – balance over time approach. Attain the necessary levels of protection (e.g., 200-year protection for urban and urbanizing) and adequate or minimum levels (e.g., HMP or Bulletin 192-82)</i></p>	<p>Alternative 2: Business as Usual 2.0 <i>Projects that further multiple objectives are preferred over projects that further only a single objective. More focus on cost-sharing alternatives, benefit/cost ratio in investment decisions, may not consider certain interests such as aesthetic and recreational resources</i></p>	<p>Alternative 3: Economic Sustainability Plan/Delta as Fortress <i>Protect lives and property, Delta as Place and co-equal goals</i></p>	<p>Alternative 4: Goal-oriented Prudence Approach <i>Co-equal goals and protect lives (Delta as Place/Protect Property are secondary goals or not considered)</i></p>
<p>Water Supply Reliability Goals</p>	<ul style="list-style-type: none"> • Conveyance • Water quality for ag/urban exporters 	<ul style="list-style-type: none"> • Conveyance • Water quality for ag/urban exporters 	<ul style="list-style-type: none"> • Conveyance • Water quality for ag/urban exporters 	<ul style="list-style-type: none"> • Conveyance corridors • Water quality for ag/urban exporters • Limit flooded accommodation space (greater than 500,000 AF)
<p>Ecosystem Restoration Goals (Delta only)</p>	<ul style="list-style-type: none"> • Water quality • Channel margin habitat esp. salmon migration corridors • Floodplain habitat • Wetlands • Working landscapes 	<ul style="list-style-type: none"> • Water quality • Channel margin habitat esp. salmon migration corridors • Floodplain habitat • Wetlands • Working landscapes 	<ul style="list-style-type: none"> • Water quality • Channel margin habitat esp. salmon migration corridors • Floodplain habitat • Wetlands • Working landscapes • No setback levees except for Paradise Cut/Lower San Joaquin 	<ul style="list-style-type: none"> • Includes Suisun Marsh • Water quality • Salmon migration corridors • Freshwater wetlands, and key upland habitats • Yolo Bypass, Paradise Cut and other key floodplains
<p>Protecting Lives</p>	<ul style="list-style-type: none"> • Urban areas – 200-year protection • Small communities 	<ul style="list-style-type: none"> • Urban areas – 200-year protection • Small communities 	<ul style="list-style-type: none"> • Urban areas – 200-year protection • Small communities • Most islands should be built to “fat levee” standard 	<ul style="list-style-type: none"> • Urban – 200-year protection • Key evacuation routes identified and protected • Rural communities where benefits greater than costs • Focus on flood proofing

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<p>Protecting Property Goals</p>	<ul style="list-style-type: none"> • Agricultural lands • Critical infrastructure of statewide importance (very inclusive list) 	<ul style="list-style-type: none"> • Agricultural lands • Critical infrastructure of statewide importance (very inclusive list) 	<ul style="list-style-type: none"> • Agricultural lands • Critical infrastructure of statewide importance (very inclusive list) • Most island should be built to “fat levee” standard 	<ul style="list-style-type: none"> • Property protected by project levees • Critical infrastructure with costs shared by beneficiaries
<p>Delta as Place Goals</p>	<ul style="list-style-type: none"> • Cultural, historic, aesthetic and recreational resources 	<ul style="list-style-type: none"> • Cultural and historic 	<ul style="list-style-type: none"> • Cultural, historic, aesthetic and recreational resources 	<ul style="list-style-type: none"> • Not considered under this alternative
<p>Liability as an Element of Alternative</p>	<ul style="list-style-type: none"> • Project levees – State’s responsibility • Non-project levees – landowner’s responsibility • Pursue eligibility for federal post-disaster reimbursement 	<ul style="list-style-type: none"> • Project levees – State’s responsibility • Non-project levees – landowner responsibility • Pursue eligibility for federal post-disaster reimbursement 	<ul style="list-style-type: none"> • State to pay to recover flooded islands only 	<ul style="list-style-type: none"> • Project levees – State’s responsibility • Non-project levees – landowner’s responsibility • Maintenance subventions only to districts participating in federal PL 84-99 post-disaster recovery program