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# State of California Sea-Level Rise Guidance



CALIFORNIA  
*natural  
resources*  
AGENCY

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# What triggered the update?

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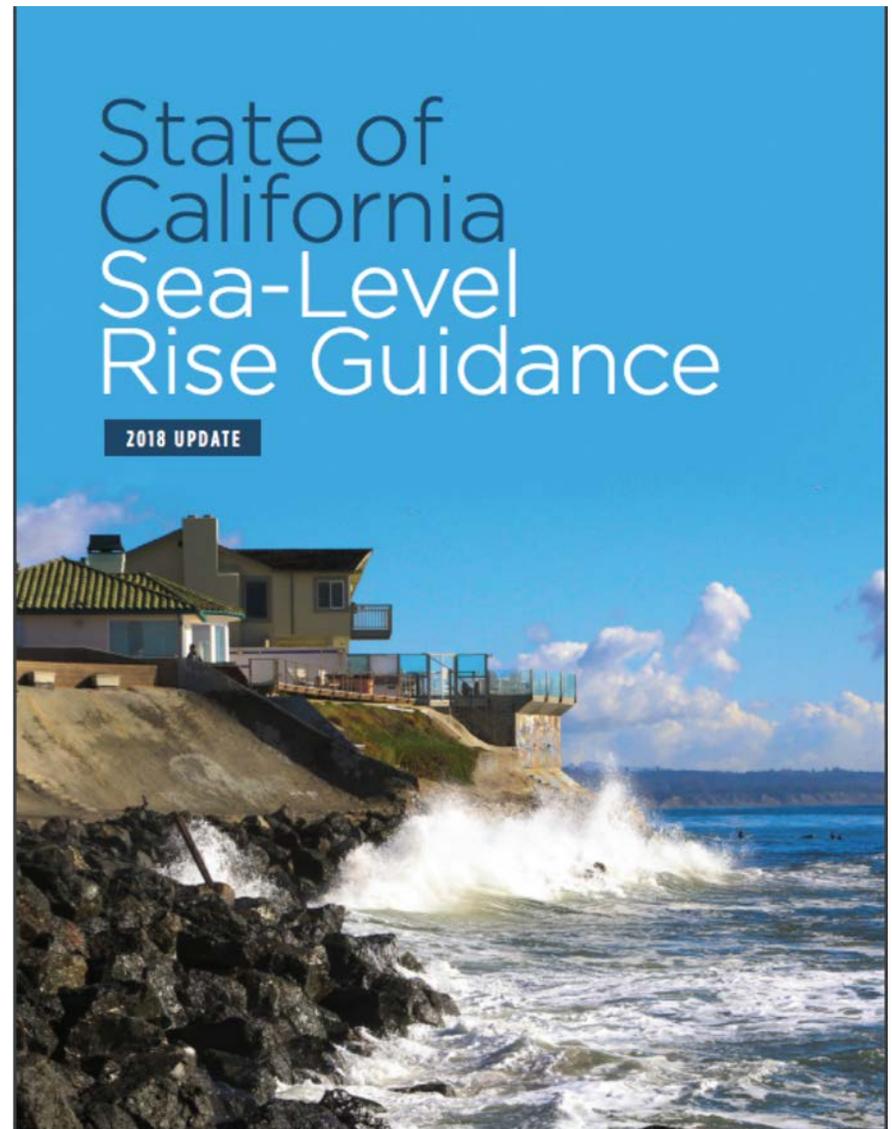
- Advances in sea-level rise science
- Need for guidance to help state *and* local governments plan for sea-level rise



# Update to the State SLR Guidance

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- Updated projections based on best available science
- Stepwise approach for evaluating projections, associated risk, and needed adaptation pathways
- Recommended adaptation strategies



# Risk Analysis Decision Framework

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>> **STEP 1:** *Identify the nearest tide gauge.*

>> **STEP 2:** *Evaluate project lifespan.*

>> **STEP 3:** *For the nearest tide gauge and project lifespan, identify range of sea-level rise projections.*

>> **STEP 4:** *Evaluate potential impacts and adaptive capacity across a range of sea-level rise projections and emissions scenarios.*

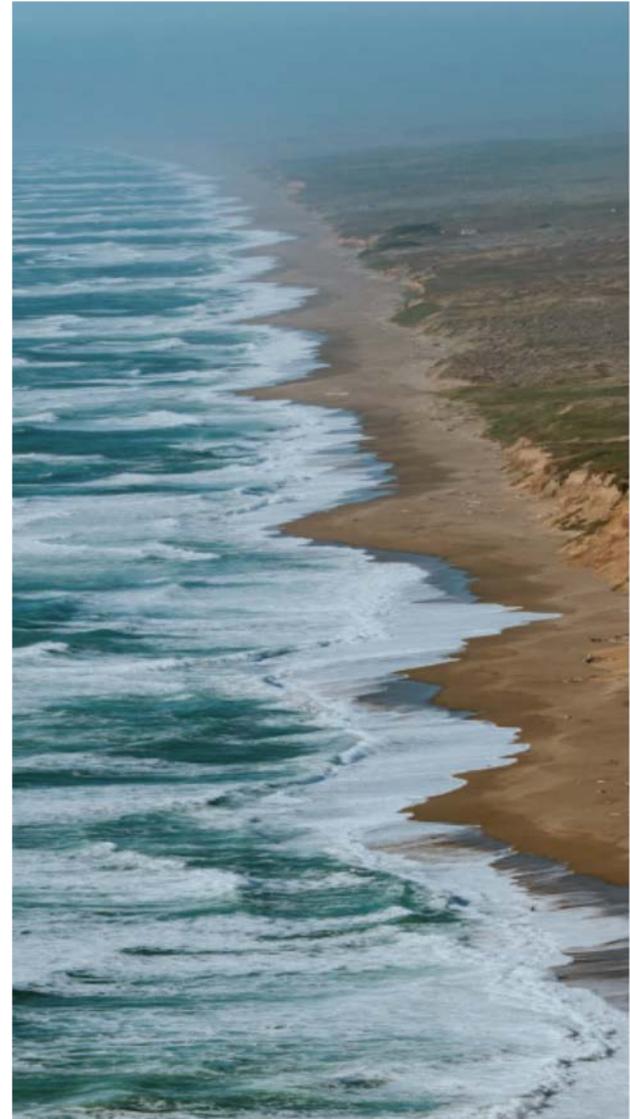
>> **STEP 5:** *Select sea-level rise projections based on risk tolerance and, if necessary, develop adaptation pathways that increase resiliency to sea-level rise and include contingency plans if projections are exceeded.*



# Planning & Adaptation Strategies

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- Social equity
- Coastal habitats and public access
- Water-dependent infrastructure
- Acute increases in sea-level rise
- Community and regional planning
- Local conditions
- Adaptive capacity



# Next Steps

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Thank you.

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