

**STATE OF CALIFORNIA  
REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION**

**STAFF SUMMARY REPORT: Christina Toms  
MEETING DATE: April 9, 2025**

**ITEM: 5**

**Shoreline Climate Change Resilience Planning**

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**DISCUSSION:**

In this item, San Francisco Bay Regional Water Quality Control Board (Water Board) and San Francisco Estuary Institute (SFEI) staff will present on the status of Water Board actions and SFEI's tools to facilitate shoreline climate resilience planning.

Staff will first present a status update on the climate change and shoreline adaptation Basin Plan amendment, including community outreach and engagement efforts. Staff will then provide an update on the Regional Board's actions to support collaborative, science-based approaches to shoreline climate change resilience planning. The update will introduce the Baylands Resilience Framework, a new planning tool developed by the San Francisco Estuary Institute as part of the Adaptation Atlas toolbox. Staff will then illustrate how the Adaptation Atlas is being used by planners and communities to inform climate adaptation throughout the region.

Katie McKnight from SFEI will present a more detailed introduction to the Baylands Resilience Framework, a data-driven tool to inform the planning, design, and permitting of shoreline and bayland climate resilience projects. The metrics in the Baylands Resilience Framework provide a starting point for site-scale design and planning and help place projects into broader regional contexts to support project prioritization and strategic development.