



#### 28 Estuaries of National Significance Section 320 CWA



#### Largest estuary on the West coast of the Americas

Sadramento

- 1,600 square miles
- Drains 40% of the state
- Drinking water for 23M people
- Rich with fish and wildlife habitat
- Highly urbanized 12-county region
  San Francis





#### STATUS AND TRENDS OF INDICATORS OF ECOSYSTEM HEALTH

THE ESTUARY

33 INDICATORS OF ECOSYSTEM HEALTH ORT FROM THE SAN FRANCISCO ESTUARY PARTNERSHIP

SAN FRANCISCO BAY & SACRAMENTO-SAN JOAQUIN RIVER DELTA THE ESTUARY

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- The health of the Estuary and the health of the people who live near it and depend on it are inextricably linked
- We need a greater focus on landscape resilience to determine how well the Bay and Delta are equipped to respond to change

MUNA!



Highlighting the nexus of social and ecological resilience as we look toward the future

#### **UPDATED INDICATORS**

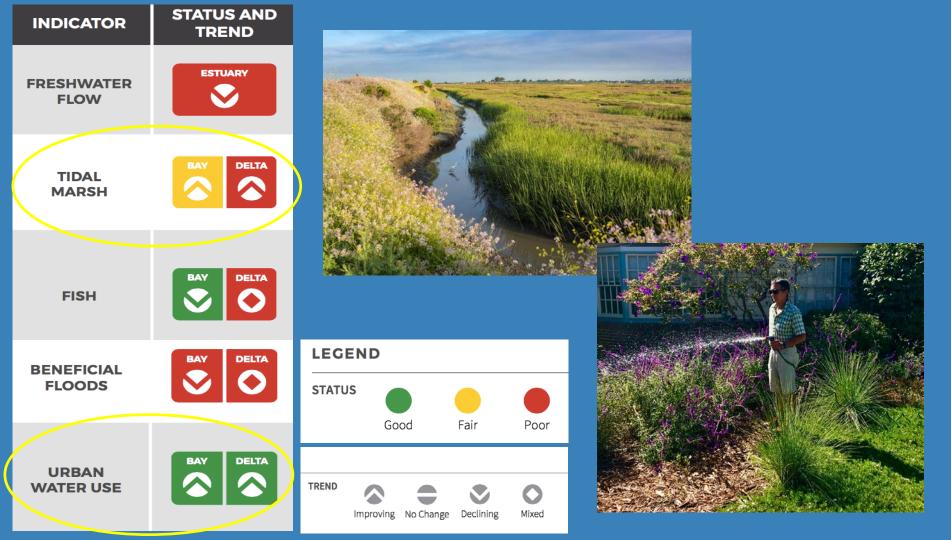
#### Updates to five indicators of ecological health of the Estuary

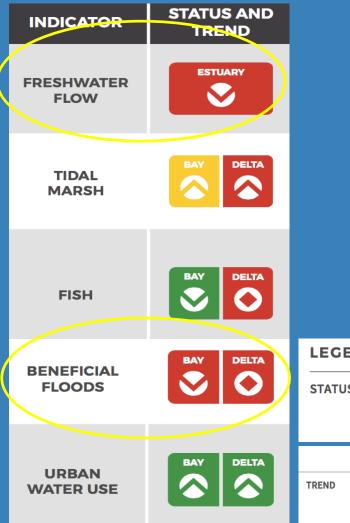


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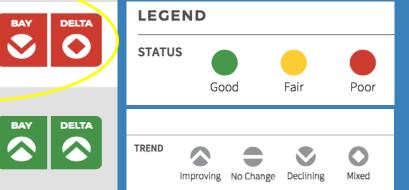


INDICATOR	STATUS AND TREND	
FRESHWATER FLOW	ESTUARY	
TIDAL MARSH		
FISH	BAY DELTA	
BENEFICIAL FLOODS	BAY DELTA	LEGEND
		STATUS Good Fair Poor
URBAN WATER USE	BAY DELTA	Good Fair Poor
		TREND

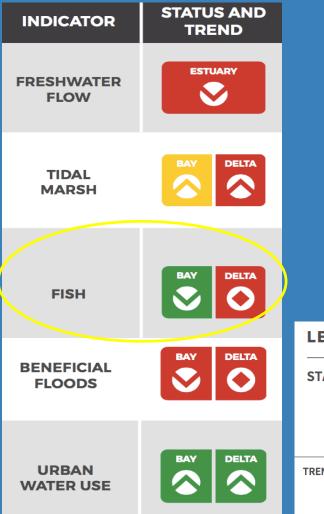




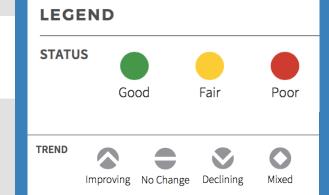












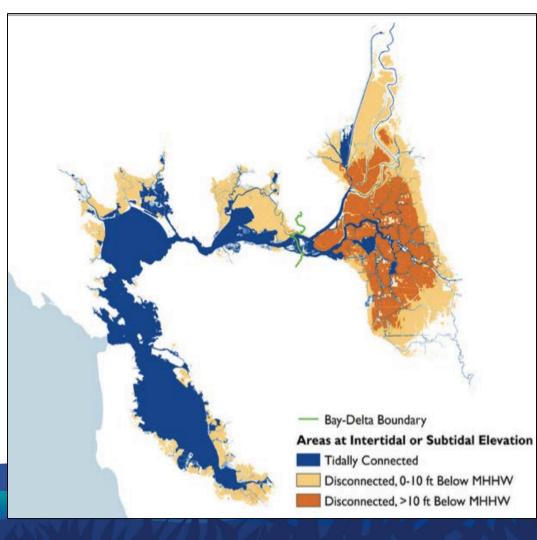
### **EMERGING INDICATORS**

# Measures of landscape and community resilience across the Estuary





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## SUBSIDED LANDS

EMERGING INDICATOR



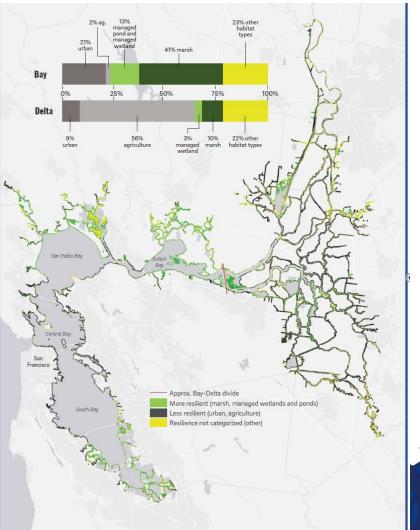
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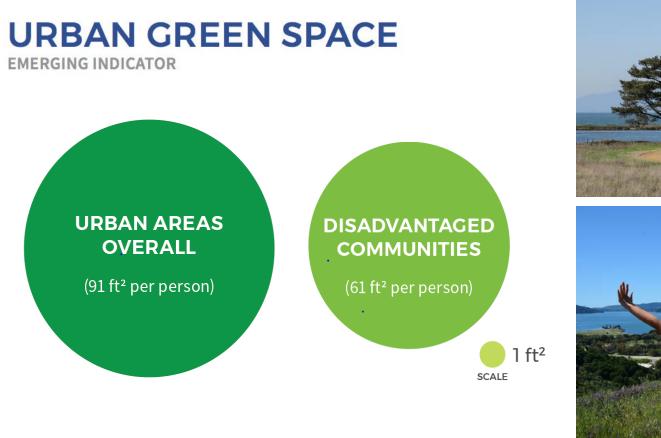
### SHORE RESILIENCE

**EMERGING INDICATOR** 









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#### **Voices of the Estuary**



# **Looking Ahead**

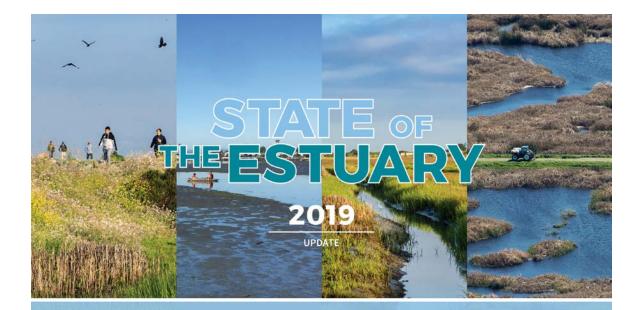


#### **Results drive actions**

- Invest in restoration increase pace and scale
- Support behavior change
- Restore freshwater flows
- Expand and build resilient shorelines
- Weave social equity more strongly into efforts to improve environmental health

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• Continue to monitor and report



### sfestuary.org

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THE ESTUARY SAN FRANCISCO BAY AND SACRAMENTO-SAN JOAQUIN RIVER DELT.

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Caitlin Sweeney, Director San Francisco Estuary Partnership Caitlin.Sweeney@sfestuary.org

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