



# RSAP Planning Practitioner Workshop

## **Session E. RSAP Mapping Platform**

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# What **challenges** do planners face when producing adaptation plans?

- Access to accurate, reliable, salient **data**
- Access to understandable **maps**
- Efficient ways to **capture and share** map-based **information**

The Guidelines reference specific information.

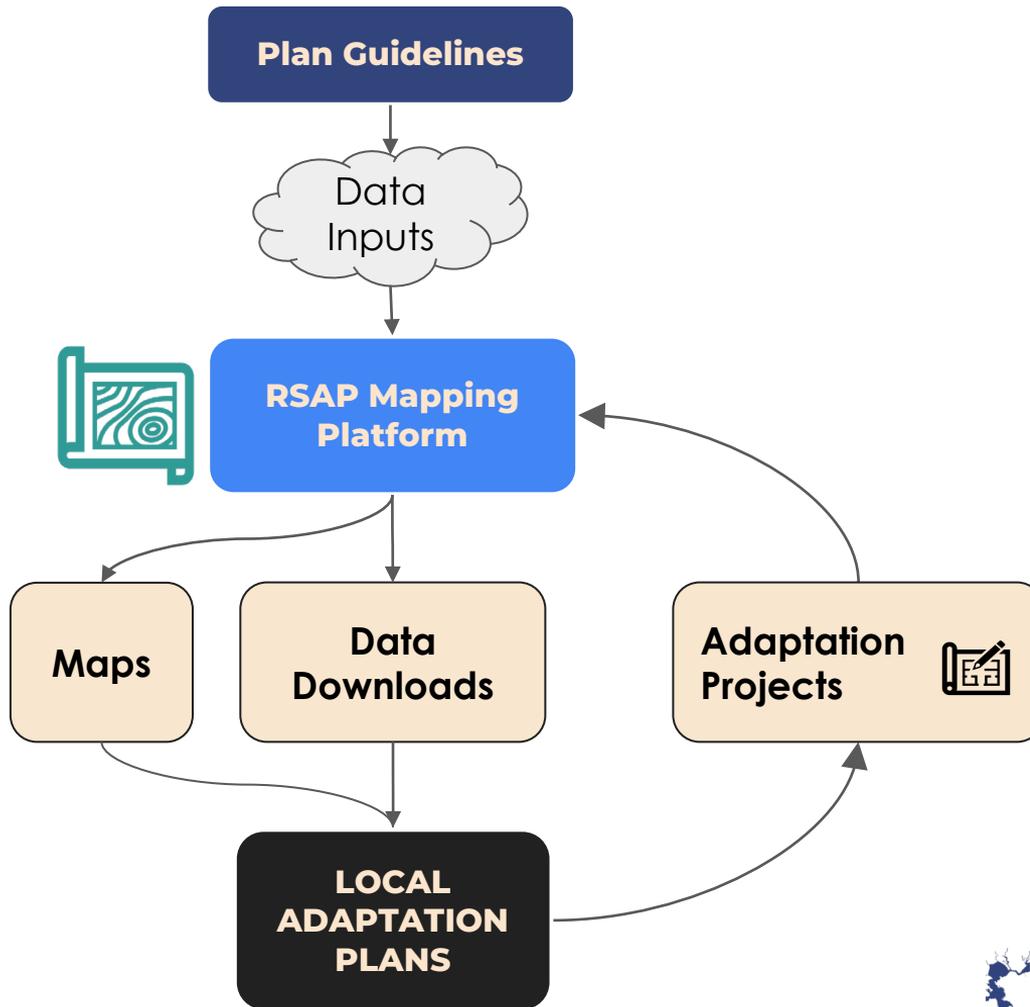
How do planners **gain access** to publicly available data?

# What is the **RSAP Mapping Platform**?

- A readily accessible online **map-based tool**
- Offers **maps** and **data layers** pertinent to the categories in the RSAP Guidelines
- Reflects **regionally scaled data**.  
(Your own local data is not included.)
- Identifies **hazards, assets, and other features** in a planning jurisdiction requiring adaptation measures.
- Planners are the **primary audience**, with potential interest from the general public.



# Information Flows



## Key Functions:

- Map-based visualizations
- Data access
- Information access

About This Project

Project Update

Learn More

Get Involved

## OUR REGION'S SHARED CHALLENGE

is also our greatest opportunity



### Resources for the Regional Shoreline Adaptation Plan



#### Guidelines

Learn more about the development of plans to support shoreline adaptation to sea level rise. This information will offer criteria for submission and plan acceptance.

*Read more on the Blog!*



#### Data and Information

Explore maps, visualizations, and downloadable data that will promote well-informed adaptation plans. The different categories of information include sea-level rise projections, vulnerability assessments, community characterizations, and other key datasets.

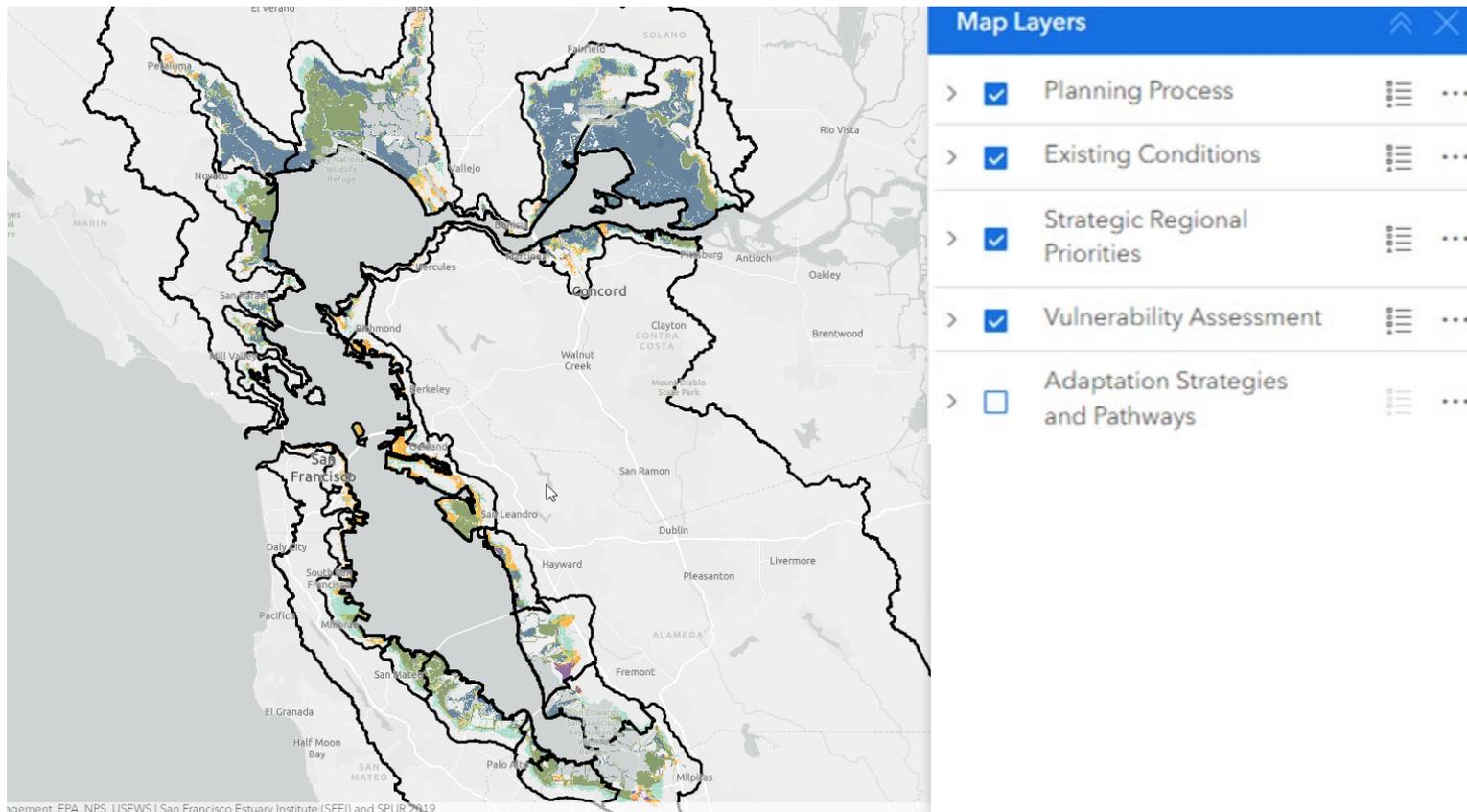
# Context and Links

The Bay Adapt website is poised to serve as a launching pad for new resources.

The RSAP pages can be revised to offer suitable context for the Guidelines to be developed and the Datasets to be explored.

# Interactive Map

Interactive Map: Manipulation by category, individual data layer, individual features, with download-ability



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# Questions

## RSAP Mapping Platform and You!

- How likely are you to **use such a tool**? If unlikely, then what **features or data** would make your use more likely?

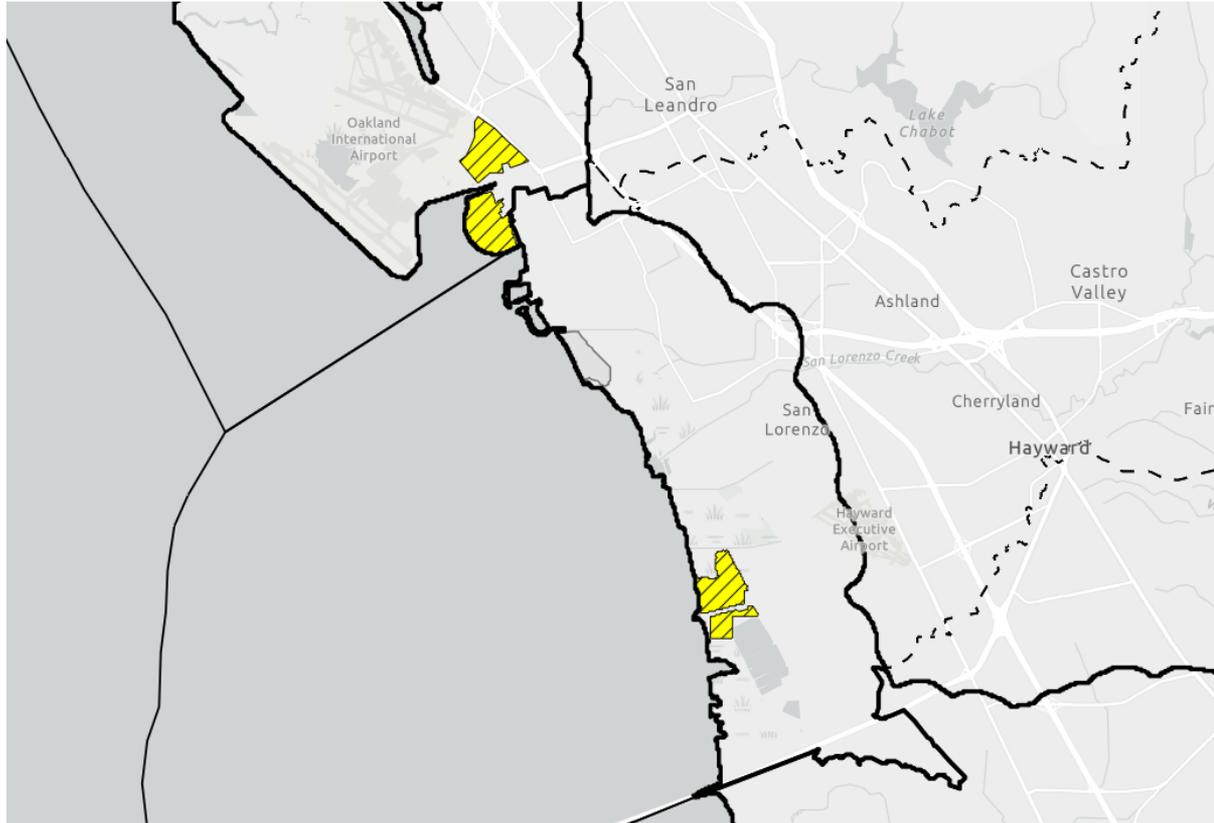
## Mapping Capacity

- The online mapping platform is designed to offer **basic visualization capabilities and easy access to regional datasets**, leaving custom analyses to local jurisdictions.
- How much **GIS capacity** does your jurisdiction have for downloading, analyzing, and parsing geospatial data?
- Would you anticipate **partnering with neighboring jurisdictions** on the basis of shared technical planning resources or applying for technical assistance?

# Back-up Slides

# Interactive Map Options

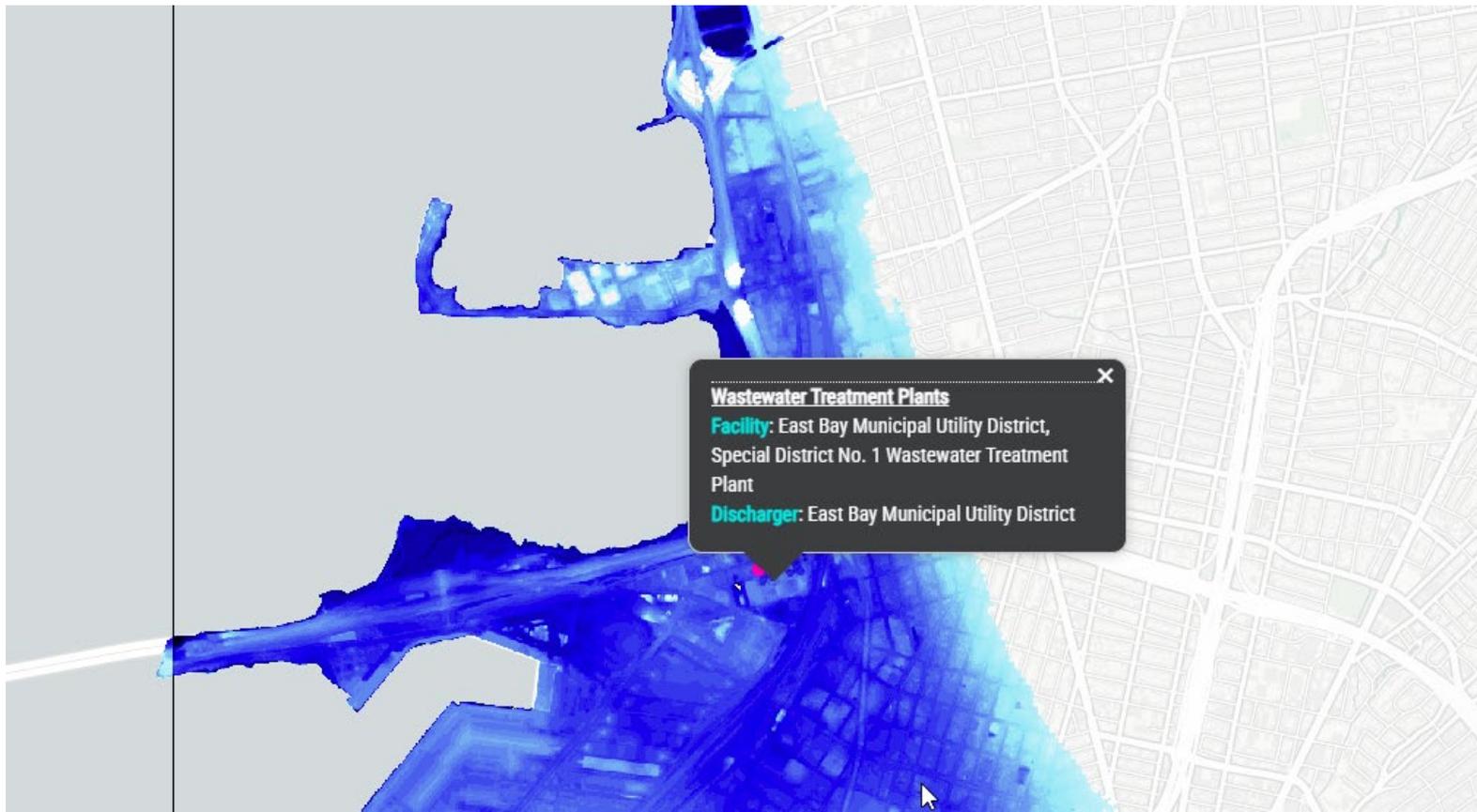
## Landfills: Static map highlighting locations and “Asset” list



Name	Status	Updated
Davis St	Closed	1977
All Cities	Closed	1959

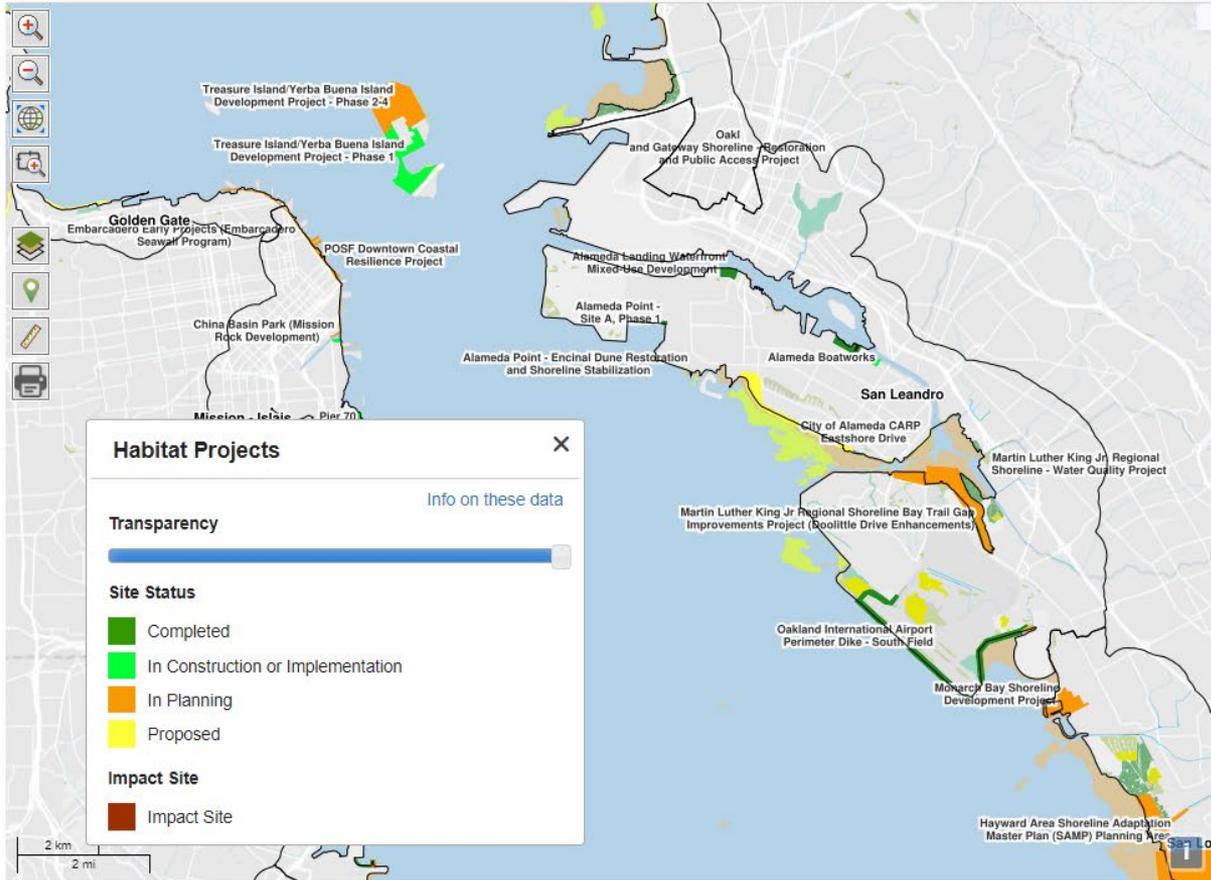
# Interactive Map Options

Static Maps and Asset Lists: Alternate view showing assets and exposure thresholds



# Shoreline Adaptation Projects

## *Projects planned in my subregion*



## Habitat Projects

Select a Project

Limit above list to projects current visible in map window

Filter Habitat Projects by:

Water Board Region

Level of Climate Adaptation

Download Habitat Projects Data

Clear

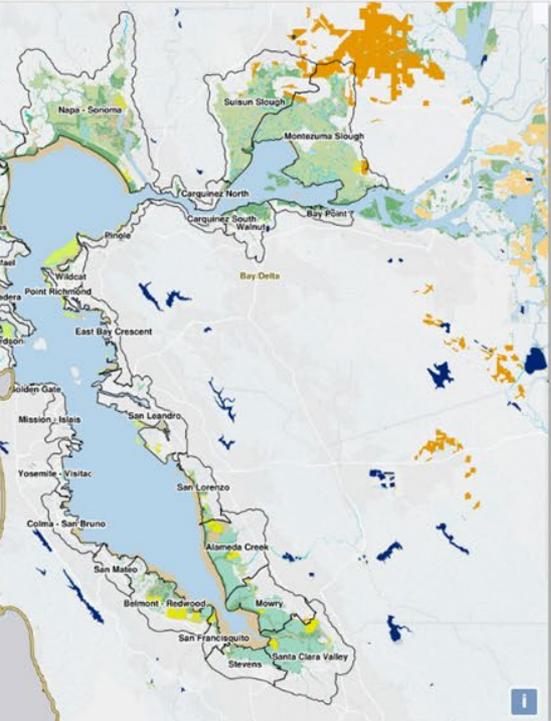
# Summarize by Geographic Unit *By OLU*

Layers ▾ Legends ▾ Basemap ▾ Overlays ▾ Hide Tools

## Shoreline Adaptation Profile

Operational Landscape Unit (OLU): San Leandro  
Total Profile Area: 19,017 acres or 29.7 miles<sup>2</sup> Print Report

- + Bay Ecosystem Health & Resilience
- + Transportation & Transit
- + Shoreline Contamination
- + Community Health & Well-Being
- + Housing, Development and Economy
- + Public Access & Recreation
- + Critical Infrastructure
- + Governance
- + Governance



## Landscape Profiles

For mode: Landscape Profile  
Define Profile Region

Draw your area of interest

Pre-defined areas

- None
- Coastal Regions
- Congressional Districts
- Counties
- Ecoregions
- Hydrologic Regions (HUC8)
- Hydrologic Regions (HUC10)
- Hydrologic Regions (HUC12)
- Operational Landscape Units (OLUs)
- Santa Clara County Subwatersheds
- Santa Clara County Watersheds
- Water Board Regions

Click region on map to generate profile.

Upload map file

Auto-delineated basin by Stream Stats