



US Army Corps
of Engineers®



Waterfront Resilience Program

Community Meeting #4 Summary
June 27, 2019

COMMUNITY MEETING #4 OVERVIEW

EVENT DETAILS

Timing: Thursday, June 27, 2019
from 5:30 to 7 PM

Location: Pier 1

Presentations:

- Overview of the Waterfront Resilience Program, MHRA, and Program Vision, Principles, and Evaluation Criteria with Lindy Lowe, Port of San Francisco Resilience Program
- Presentation of the Table Engagement with Pamela Conrad, Senior Associate at CMG



SAN FRANCISCO



COMMUNITY MEETING SERIES: EMBARCADERO SEAWALL

EMBARCADERO SEAWALL PROGRAM

1

June 2018

Introduction:
The Seawall Program

2

Sept. 2018

Assets & Risks:
What's Out There and What's At Stake

3

Jan. 2019

Goals & Tradeoffs:
Balancing Priorities & Resources

4

June 2019

Framework & Vision,
Principles, Evaluation Criteria

5

Fall 2019

Early MHRA Findings,
Measures, Alternatives & Actions

6

Spring 2020

MHRA Findings, Recommended Alternatives and Actions



COMMUNITY MEETING #4 AGENDA

- 1 Present a Waterfront Resilience Program Overview
- 2 Provide Updates on Multi-hazard Risk Assessment Work
- 3 Introduce draft Vision, Principles and Evaluation Criteria
- 4 Present tonight's activity on decision-making and criteria
- 5 Engage in a small group activity and report back



Waterfront Resilience Program

Waterfront Resilience Program | Community Meeting #4 Summary | June 27, 2019

MEETING ATTENDANCE



Approximately
50 people were
in attendance



ENGAGEMENT ACTIVITY OVERVIEW

GAME OF HAZARDS PART III

- After the presentations, attendees joined Port staff for mapping exercises.
- The Embarcadero Seawall was divided into three teams, each asked to prioritize in their own geographic section using the evaluation criteria. Teams then came together to make a full map and further prioritize and narrow the projects.
- What follows is a slide showing the base maps and then a slide for each of the nine tables, summarizing the responses and showing the played game, as well as the combined groups (Seawall Teams #1, #2 and #3).



GAME OF HAZARDS GAME BOARDS

SEAWALL GAME OF HAZARDS

THE MISSION OF THE PORT OF SAN FRANCISCO'S WATERFRONT RESILIENCE PROGRAM IS TO ENSURE THE WATERFRONT IS SAFE, EQUITABLE, SUSTAINABLE, AND AWESOME.

LEGEND

SEAWALL GAME OF HAZARDS

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SOUTH BEACH/RINCON PARK TEAM #1



TABLE NOTES

Are there areas where the stickers are concentrated? Where could early projects make the most positive improvements if implemented?

- Piers 30-32, Pier 28, and housing at Bayside Village and adjacent high-rise
 - Evaluation criteria used: Society and Equity (2), Economic (1)
- Rincon Park, Muni Tunnel
 - Evaluation criteria used: Environment (1), Economic (1), Society and Equity (1)
- Other areas marked: Oracle Park (Economic), Oracle Ferry (Society and Equity), SFFD Fire Boats (Society and Equity)

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- No comment

FERRY BUILDING AND NORTHEAST WATERFRONT TEAM #1

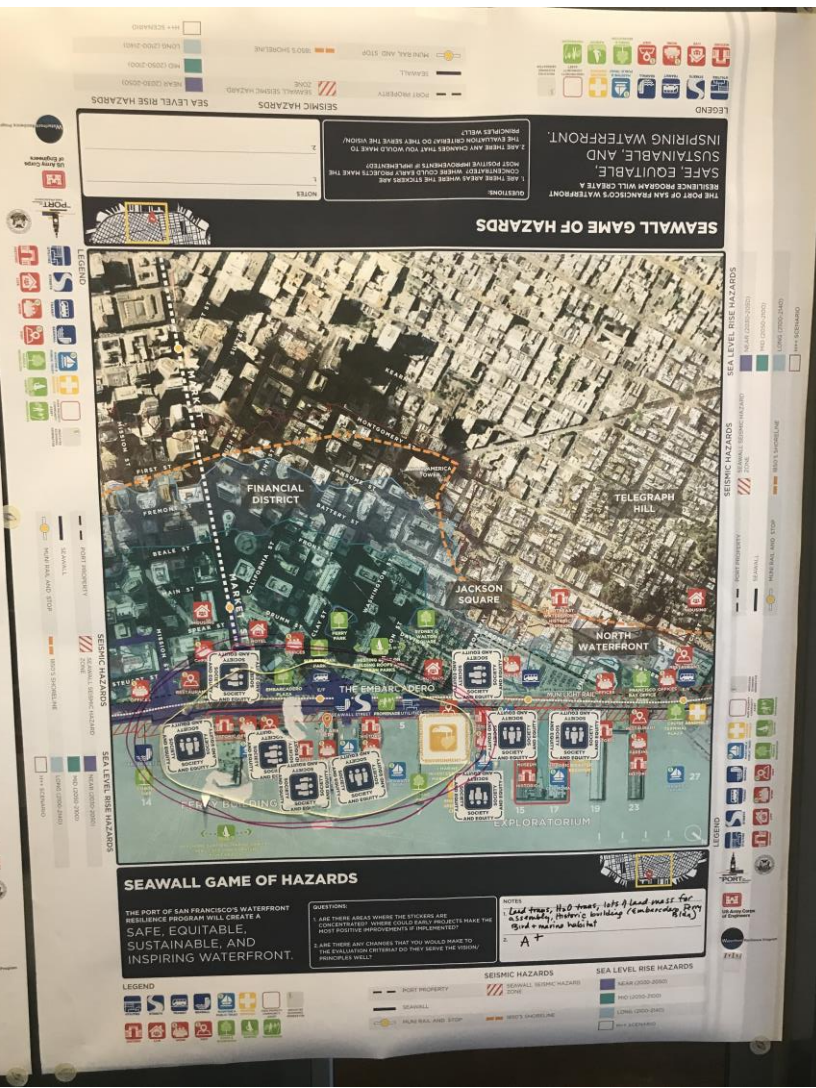
TABLE NOTES

**Are there areas where the stickers are concentrated?
Where could early projects make the most positive improvements if implemented?**

- Ferry Building, Embarcadero transit center, and Piers 1-7
 - “Land trans., H2O trans., lots of land mass for assembly, historic building (Embarcadero Ferry Building), bird+ marine habitat”
 - Evaluation criteria used: Society and Equity (5), Environment (1)
- Other areas marked: Exploratorium (Society and Equity)

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- A+



FISHERMAN'S WHARF TEAM #1

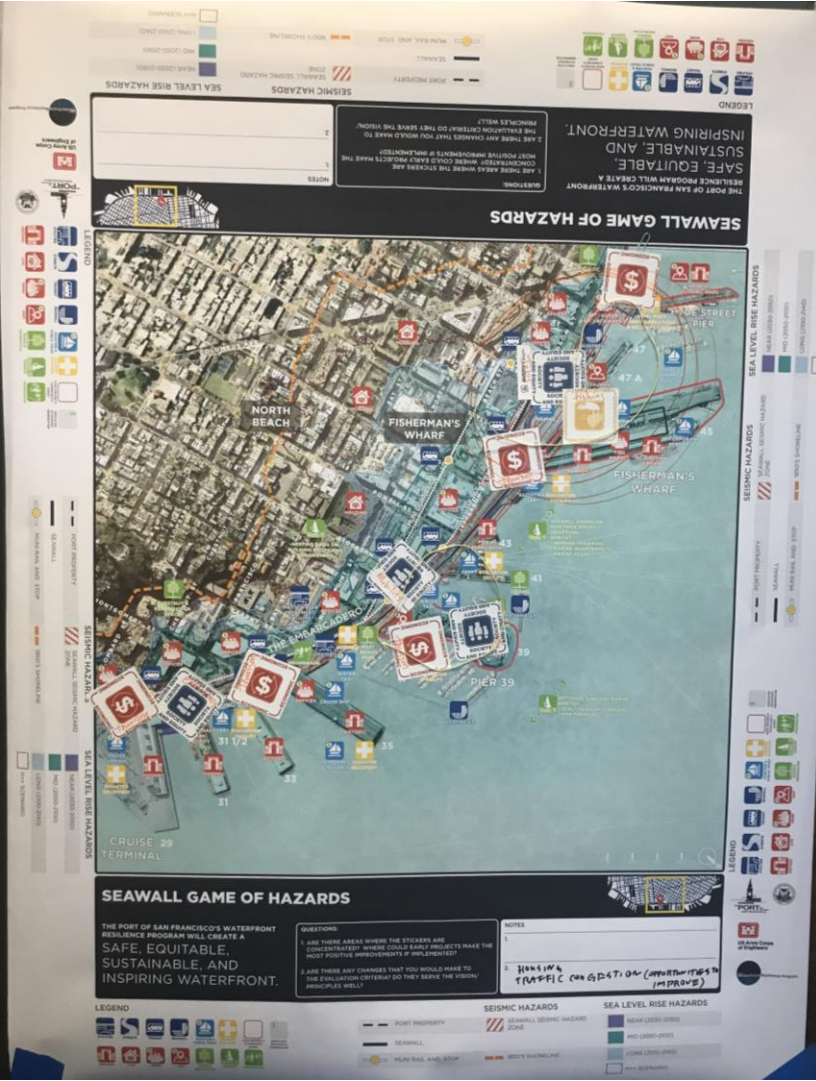
TABLE NOTES

**Are there areas where the stickers are concentrated?
Where could early projects make the most positive improvements if implemented?**

- Pier 39, Pier 41 Ferry
 - Evaluation criteria used: Economic (1, "tourism"), Society and Equity (2, "mobility" and "jobs")
- Fisherman's Wharf, Hyde Street Pier
 - Evaluation criteria used: Economic (2, "tourism"), Society and Equity (1, "jobs"), Environment (1, "fishing")

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- "Housing. Traffic congestion (opportunities to improve)"



EMBARCADERO SEAWALL TEAM #1



- 1 Highest priority projects: Ferry Building, Embarcadero transit center, and Piers 1-7
- 2 Second-highest priority projects: 1) Rincon Park/Muni Tunnel and 2) Fisherman's Wharf, Hyde Street Pier



SOUTH BEACH/RINCON PARK TEAM #2

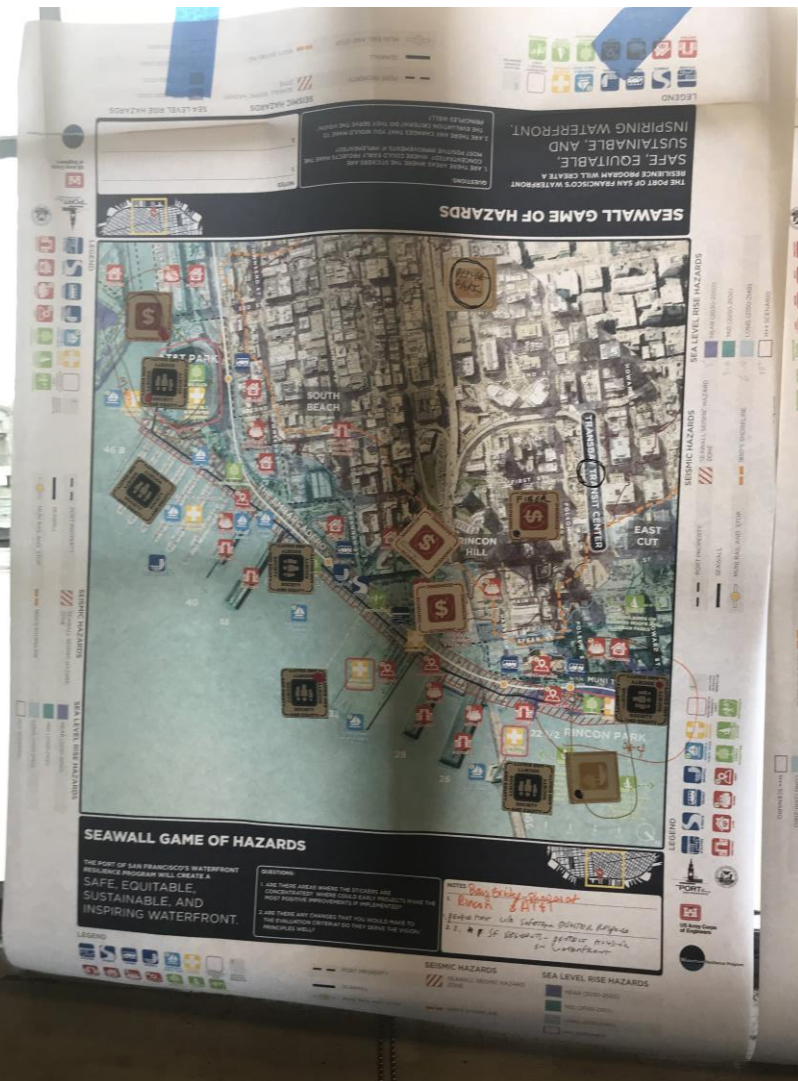


TABLE NOTES

Are there areas where the stickers are concentrated? Where could early projects make the most positive improvements if implemented?

- Oracle Park, Oracle ferry, 3rd St Bridge
 - Evaluation criteria used: Society and Equity (1), Economic (1)
 - Emphasis on assembly space
- Rincon Park, Muni Tunnel
 - Evaluation criteria used: Society and Equity (1)
- Other areas marked: Piers 30-32 (Society and Equity), Brannan Street Wharf (Society and Equity), South Beach Harbor (Society and Equity), housing at Bayside Village and adjacent tower (Economic, “all housing”), “Fiber” throughout city (Economic)
- Proposed a “Refuge Park” as upland assembly space (Environment)
- “Bay Bridge – show as at” (illegible)
- “Rincon & Oracle”

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- “People first use safety and disaster response”
- “SF residents – protect housing on waterfront”

FERRY BUILDING AND NORTHEAST WATERFRONT TEAM #2



TABLE NOTES

**Are there areas where the stickers are concentrated?
Where could early projects make the most positive improvements if implemented?**

- Ferry Building – Pier 9
 - Evaluation criteria used: Society and Equity (2, “historic” Ferry Building and “Evacuation” at Pier 9), Environment (1, “CSS” for combined sewer), Economic (2, “Transportation” and “Drivers”)
- Other areas marked: Cruise Ship Terminal (Society and Equity, “Evac”)

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- Add your own: Telecom Towers, small telecom wifi/public



FISHERMAN'S WHARF TEAM #2

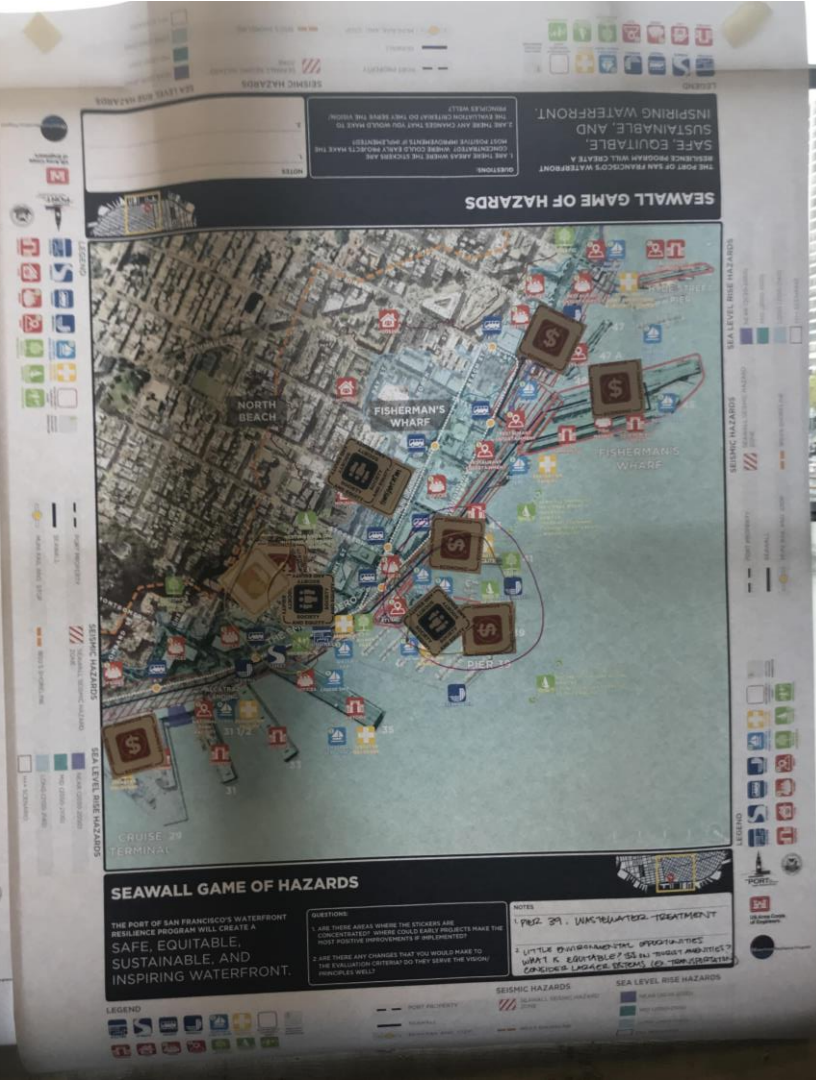


TABLE NOTES

**Are there areas where the stickers are concentrated?
Where could early projects make the most positive improvements if implemented?**

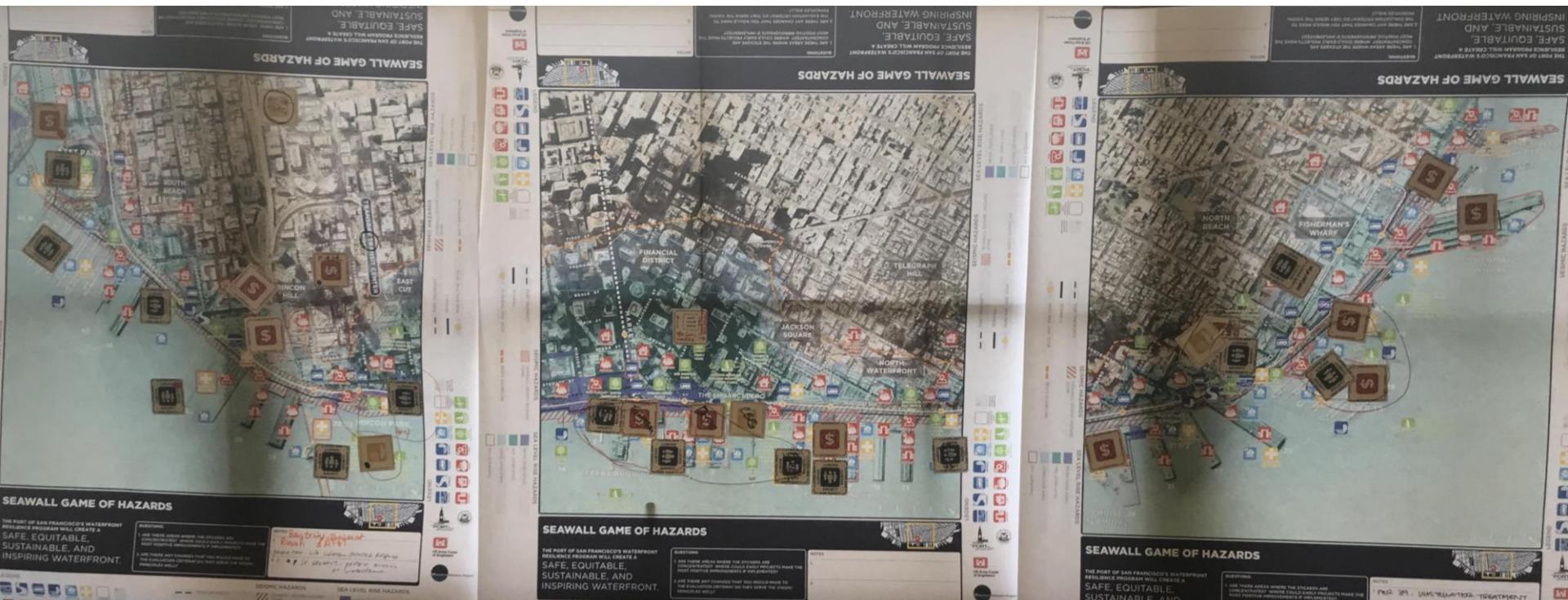
- Pier 39, Pier 41 Ferry
 - Evaluation criteria used: Economic (2), Society and Equity (1)
- Wastewater Treatment Facility
 - Evaluation criteria used: Economic (1), Environment (1), Society and Equity (1)
- Other areas marked: Cruise Ship Terminal (Economic), Embarcadero transportation corridor (1), Fisherman's Wharf (Economic), Jefferson St. businesses (Economic)

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- “Little environmental opportunities”
- “What is equitable? \$\$ spent on tourist amenities?”
- “Consider larger systems (ex. Transportation, utilities)”



EMBARCADERO SEAWALL TEAM #2



1

Highest priority projects: 1) Ferry Building - Pier 1 and 2) Pier 39, Pier 41 ferry

2

Second-highest priority projects: 1) Rincon Park/Muni Tunnel and 2) Oracle Park, Oracle ferry, 3rd St. Bridge



SOUTH BEACH/RINCON PARK TEAM #3

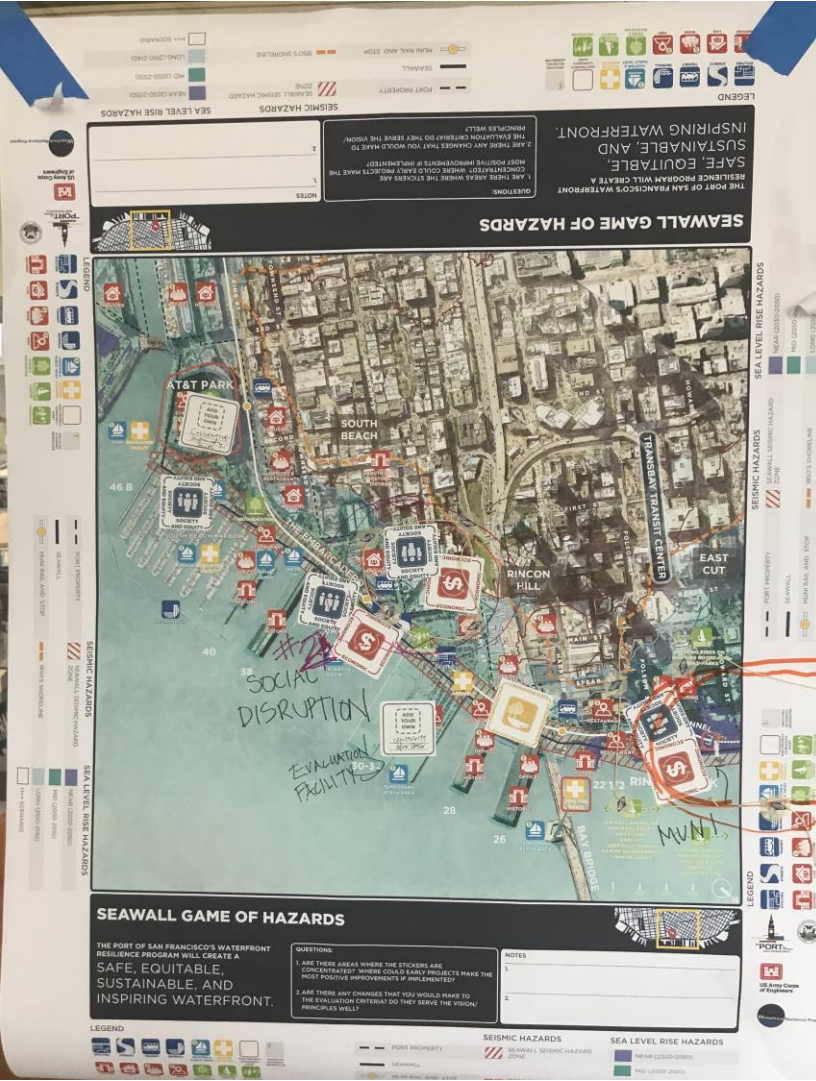
TABLE NOTES

**Are there areas where the stickers are concentrated?
Where could early projects make the most positive improvements if implemented?**

- Housing at Bayside Village, adjacent tower
 - Evaluation criteria used: Society and Equity (1), Economic (1)
 - “Social Disruption”
- Muni Tunnel
 - Evaluation criteria used: Society and Equity (1), Economic (1)
- Other areas marked: Oracle Park (Add your own – “Collective memory/social”), South Beach Harbor (Society and Equity), Brannan Street Wharf (Society and Equity, Economic), Piers 30-32 (Add your own – “Opportunity open space” / “Evacuation Facility”), Pier 26 (Environment)

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- No comment



FERRY BUILDING AND NORTHEAST WATERFRONT TEAM #3

TABLE NOTES

**Are there areas where the stickers are concentrated?
Where could early projects make the most positive improvements if implemented?**

- Ferry Building – Pier 1
 - Evaluation criteria used: Society and Equity (2, “homes” downtown and “jobs” at Port), Economic (4, “Embarc utilities” on Market), Add your own (3, “Infrastructure,” “Transportation Infra,” and “Piers Infra”)
 - “Muni Tunnel”
 - “Infrastructure!”
- Other areas marked: Offshore subtidal habitat (Environment)

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- Add your own: Telecom Towers, small telecom wifi/public



FISHERMAN'S WHARF TEAM #3

TABLE NOTES

Are there areas where the stickers are concentrated? Where could early projects make the most positive improvements if implemented?

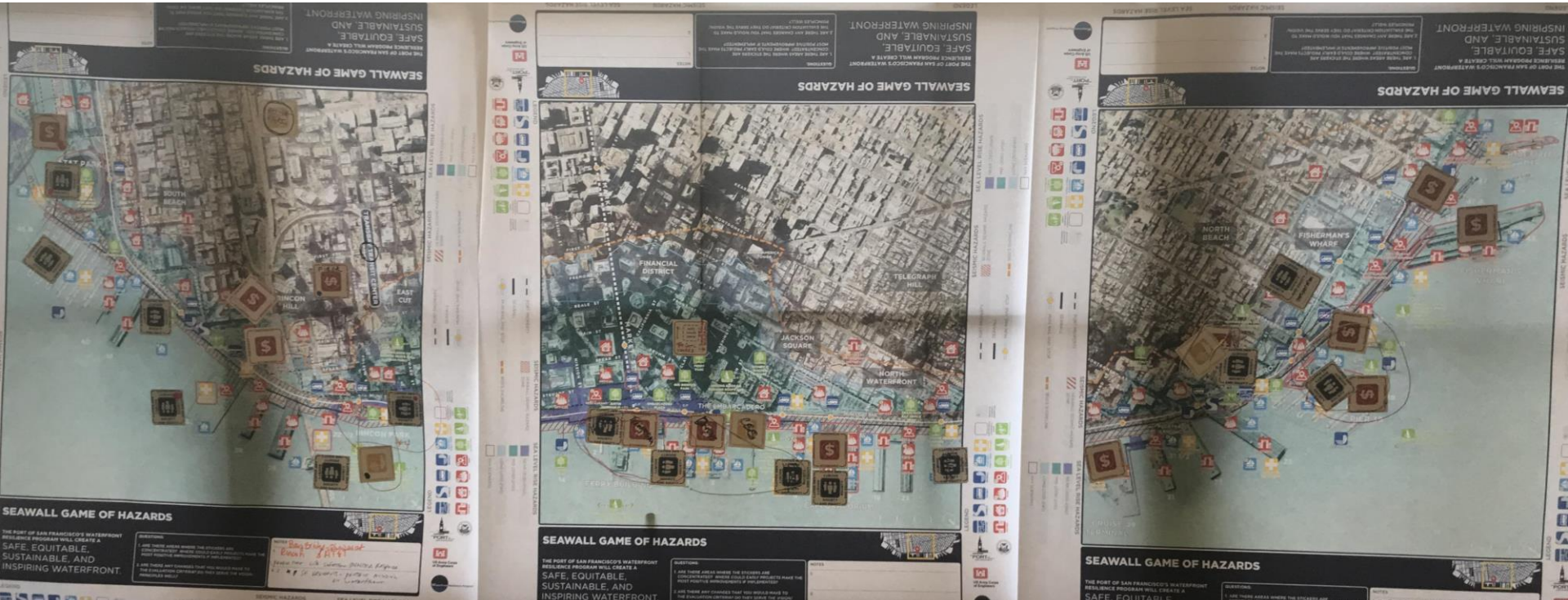
- Cruise Terminal
 - Evaluation criteria used: Society and Equity (2)
 - “Disaster Response” (Cruise Terminal and Pier 35)
- Fisherman’s Wharf
 - Evaluation criteria used: Economic (1), Society and Equity (1)
 - “Economic Recovery”
- Other areas marked: Wastewater Treatment Facility (Environment), Pier 39 (Economic), Jefferson St. turnaround (Society and Equity), Pier 41 Ferry (Society and Equity), Hyde Street Pier (Society and Equity), Fisherman’s Wharf housing
- “Earthquakes + SLR / Resilience + Recovery”

Are there any changes that you would make to the evaluation criteria? Do they serve the vision/principles well?

- “Life safety”
- “Economic”
- “Beef up Seawall to protect against EQ. Design it so it can be a foundation for a dike like structure over course of next 80 years”



EMBARCADERO SEAWALL TEAM #3



1

Highest priority projects: Muni Tunnel - Ferry Building - Pier 1

2

Second-highest priority projects: 1) Wastewater Treatment Facility and 2) Housing at Bayside Village, adjacent tower

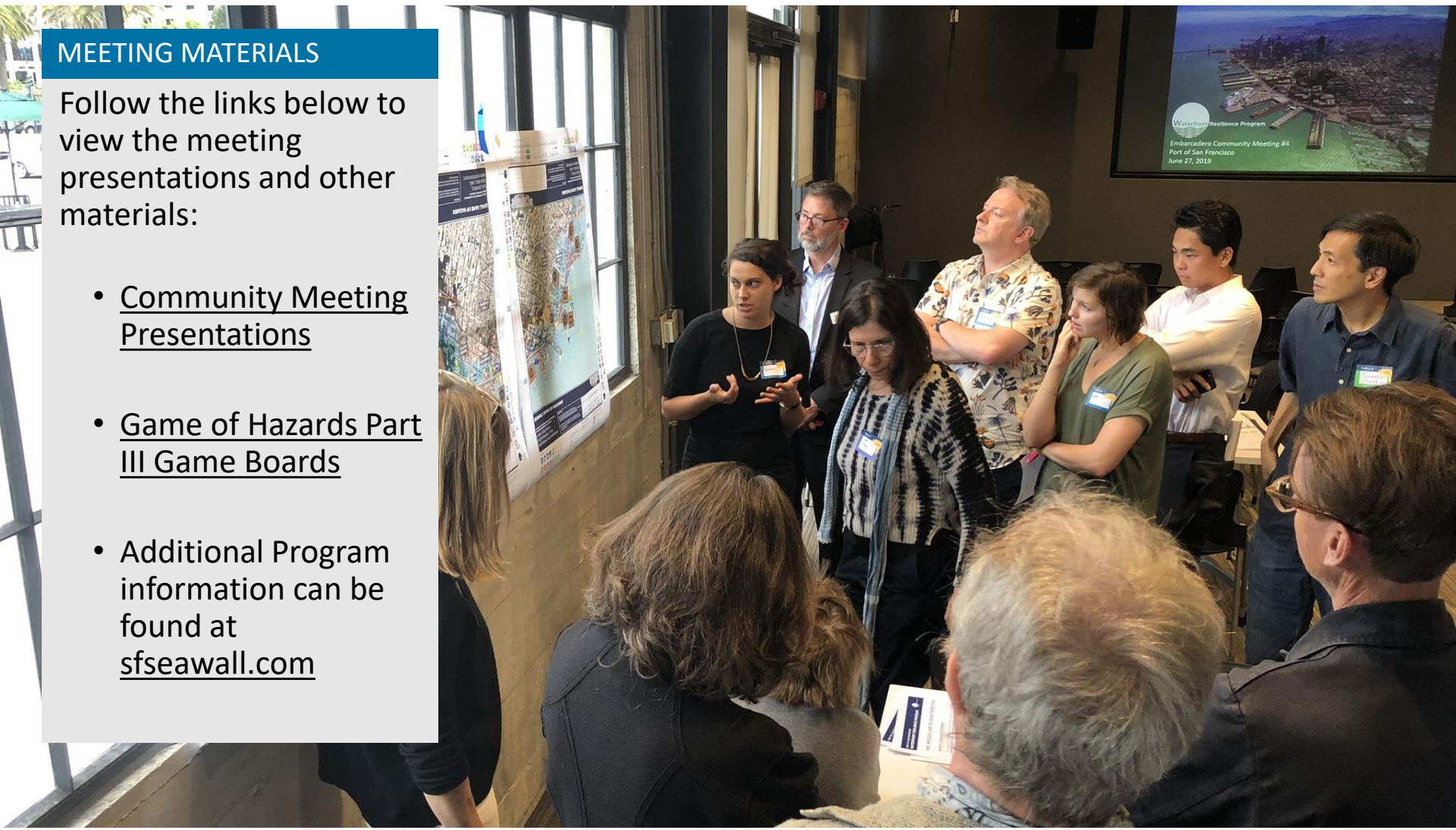


MEETING MATERIALS

MEETING MATERIALS

Follow the links below to view the meeting presentations and other materials:

- [Community Meeting Presentations](#)
- [Game of Hazards Part III Game Boards](#)
- Additional Program information can be found at sfseawall.com



WE HOPE TO SEE YOU AT A FUTURE COMMUNITY MEETING!

