

SFO Shoreline Protection Program

State of California Assembly

Select Committee on Sea Level Rise and the California Economy

Sea Level Rise and its Impact on Coastal Cities

February 7, 2020

San Francisco Bay Area – Sea Level Rise Challenges

Dave Pine – San Mateo County

Catherine Mahanpour – Foster City

Jeff Moneda – Foster City

Shelly Masur – Redwood City

Liam Garland – City of Alameda

Joe Birrer – SFO

Kristi McKenney – Port of Oakland and OAK

SFO

SFO - A Critical Regional & National Infrastructure

- 58 million passengers (2019)
- 46,000 employees (current)
- \$ 8.4 billion in direct benefits
- \$ 62.5 billion benefits to region

SFO's Flood Risk



100-Year Flood
Current risk (FEMA FIRM Map)



Sea Level Rise (projected 2100)
Future risk (NOAA)

SFO's Shoreline Protection Program

- Eliminate flood risk
- Ensures economic stability of region
- Protects Airport assets
- Ensures continuous safe Airport operation



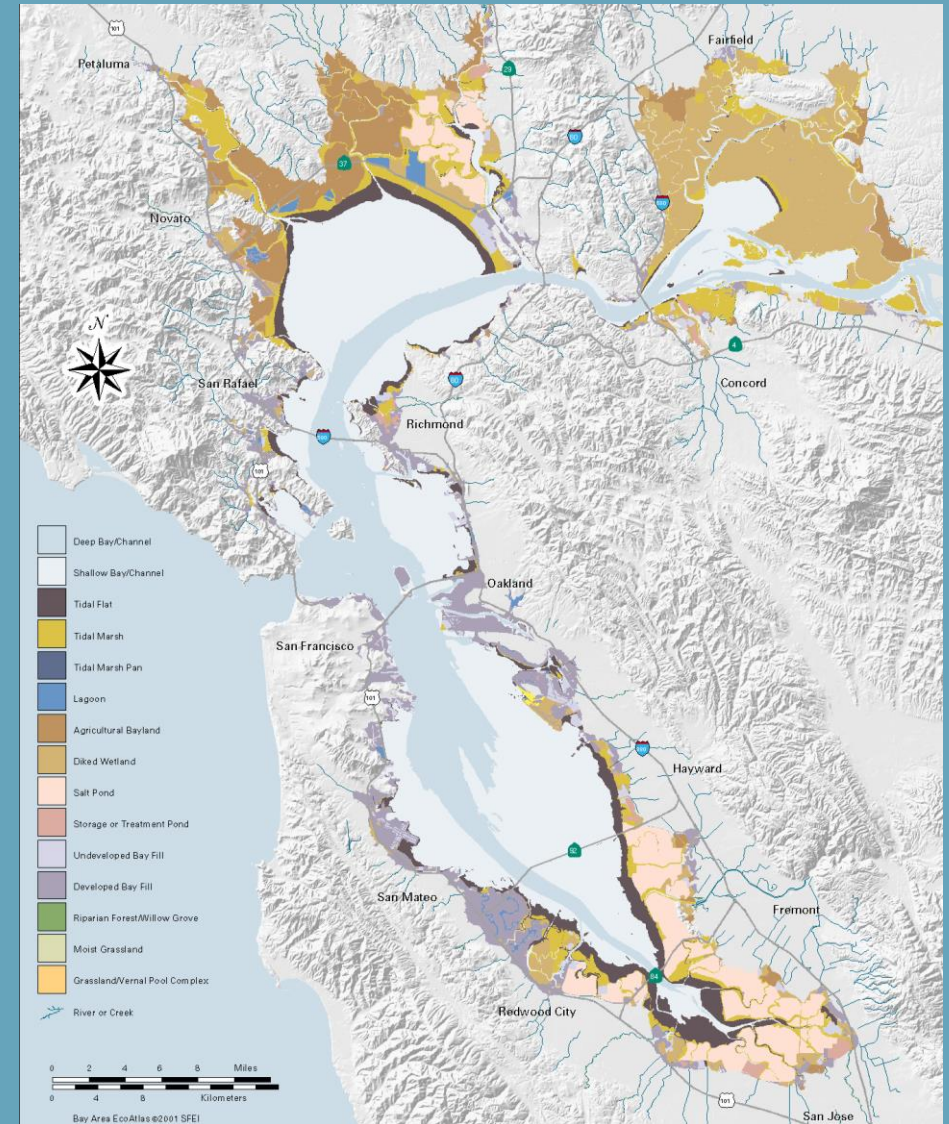
SFO's Shoreline Protection Program

- Site constraint
- Operational constraints
- Need for hard armoring
- 8 miles of shoreline
- Safety (wildlife)



Adopting a New Approach

- Protecting existing assets versus new development
- Create unified approach for permitting agencies
- Create regional mitigation solutions



SFEI: Modern Baylands

Thank you

