MAYOR EDWIN M. LEE
SLR COORDINATING COMMITTEE

Co-Chair: Fuad Sweiss, San Francisco Public Works Department
Co-Chair: Gil Kelley, San Francisco Planning Department

City Administrator’s Office
San Francisco International Airport
San Francisco Public Utilities Commission
San Francisco Municipal Transportation Agency
Office of Economic and Workforce Development
Port of San Francisco
Office of Community Investment and Infrastructure
Department of Building Inspection
Capital Planning
## SAN FRANCISCO SLR PROJECTIONS

<table>
<thead>
<tr>
<th>Year</th>
<th>Most Likely Projection (CEQA/Project Approvals*)</th>
<th>Upper Range (Long-range Planning*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2030</td>
<td>6 in</td>
<td>12 in</td>
</tr>
<tr>
<td>2050</td>
<td>11 in</td>
<td>24 in</td>
</tr>
<tr>
<td>2100</td>
<td>36 in</td>
<td>66 in</td>
</tr>
</tbody>
</table>


*Note: the City uses the National Research Council’s (NRC) most likely SLR projection of 36” for ongoing planning and development purposes related to environmental review and project approvals. This Action Plan considers adaptive strategies to address the NRC’s upper end estimate of 66” of SLR by 2100 in the event that future GHG emissions and land ice melting accelerates beyond current predictions.*

*With Storm Surge + King Tides: add ~ 40” (108” in 2100)
SLR Vulnerability Zone

(Note: blue line marks end of century, upper range projection with no action)
## COST OF INACTION

<table>
<thead>
<tr>
<th></th>
<th>Private Property</th>
<th>Public Property</th>
<th>Total Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>66” (Year 2100)</td>
<td>$19 Billion</td>
<td>$35 Billion</td>
<td>$54 Billion</td>
</tr>
<tr>
<td>108” (Year 2100 w/storm surge)</td>
<td>$38 Billion</td>
<td>$37 Billion</td>
<td>$75 Billion</td>
</tr>
</tbody>
</table>

(Note: numbers reflect end of century, upper range projection with no action in today’s dollars)
PAST AND ON-GOING OUTREACH AND ENGAGEMENT EFFORTS

(Note: dotted line marks end of century, upper range projection with no action)
VULNERABILITY AND RISK ASSESSMENTS

COMPLETED

- Property/Assets
  - Port
  - SFO
  - SFPUC
- Vulnerable Communities

STILL NEEDED

- SFMTA Property/Assets
- Other Buildings and Properties
- Energy, Waste Systems
- Parks/Open Space
- Communications
Near-term Actions, by 2018

01 REVIEW SCIENCE
02 ASSESS VULNERABILITY
03 ASSESS RISK
04 DEVELOP ADAPTATION PLAN
05 IMPLEMENT ADAPTATION
06 MONITOR IMPLEMENTATION

- Pursue funds for Sea Level Rise research priorities
- Coordinate monitoring and tracking of storm events
- Backflow prevention installation
- Complete citywide vulnerability assessment
- Complete citywide risk assessment
- Complete next iteration of economic risk analysis
- Formalize implementation and governance structure
- Review potential policy and financial tools
- Launch and complete Bay Area Resilience by Design Challenge
- Develop community education and engagement strategy
- Develop training program for capacity building

Develop strategies for high risk shorelines
(Once near-term actions are complete, by 2018)
RESILIENCE BY DESIGN CHALLENGE

- Equitable
- Collaborative and Interdisciplinary
- Replicable and Implementable
- Innovative and Inspiring
- Community and Design-driven
LOCAL AND REGIONAL COOPERATION
ON-GOING COORDINATION

Organization Chart

- **MAYOR'S OFFICE**
  - Support SLR Coordinating Committee
  - Advocate for State and Federal Policies

- **PRIVATE-PUBLIC ADVISORY COMMITTEE**
  - Review Development and Implementation of Plan

- **SEA LEVEL RISE COORDINATING COMMITTEE**
  - SLR Action Plan Implementation and Regional Coordination

- **SEA LEVEL RISE TECHNICAL COMMITTEE**
  - Track Science
  - Oversee CPC Guidance Implementation

- **SEA LEVEL RISE INTERDEPARTMENTAL WORKING GROUP**
  - Data Backup
  - Monitor City Response to Floodings
  - Track Grant Opportunities
  - Provide Recommendations
THANK YOU.

Diana Sokolove, Senior Planner
Citywide Planning
San Francisco Planning Department
PH: 415-575-9046
EM: diana.sokolove@sfgov.org

Photo by Michael Estigoy