LIVING LONG WHARF:
Coastal Resiliency, Flood Protection, and Responsible Economic Planning
Introduction to Panel

The Long Wharf Responsible Growth Plan aims to support the social and economic development of the Long Wharf District in New Haven through its strategic focus on coastal resiliency, progressive economic strategies and community engagement. This session will demonstrate how flood protection measures can be incorporated with sustainable development plans and offer big picture solutions by starting with incremental steps.

Donna Hall, Senior Project Manager, New Haven City Plan Department
Hande McCaw, PE, Senior Project Manager/Coastal Engineer, GZA
Eric C.Y. Fang, AIA, AICP, LEED AP, Principal at PERKINS EASTMAN
History:
Potential:

Over 300 Acres total

160 Acres underutilized land

Site A Total Area: 168 acres

Site B Total Area: 68 acres

77.6 acres

56.2 acres

90.4 acres

11.6 acres

Under utilized area

Over 5000 Jobs
Existing conditions
Assets and Character:
The Challenge:

4-Part Strategy:

• **Increase Capacity:**
  Install storage and provide more conveyance.

• **Green Infrastructure:**
  Reduce flow to problem areas by capturing and infiltrating rain where it falls.

• **Flood Protection System:**
  Prevent storm surge from entering low-lying areas of concern.

• **Living Shoreline:**
  Protect eroding shorelines while maintaining and improving natural habitat.
## The Team:

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<th>AGENCY/COMPANY</th>
<th>ROLE</th>
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<tr>
<td>City of New Haven: City Plan, Economic Development</td>
<td>Outreach, Project Management</td>
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<td>City of New Haven Parks, Engineering, TTP</td>
<td>Technical Support, Project Management</td>
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<td>Perkins Eastman (Long Wharf Plan)</td>
<td>Plan/Design/Strategic Implementation</td>
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<td>Langan (Long Wharf Plan)</td>
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<td>RES/Appleseed (Long Wharf Plan)</td>
<td>Strategic Economic Plan and Analysis</td>
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<td>GZA</td>
<td>Long Wharf Flood Protection Study</td>
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<td>FEMA</td>
<td>Long Wharf Park Restoration</td>
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| Army Corps of Engineers                               | New Haven Harbor Navigation Improvement Study  
Long Wharf Flood Wall FS |