

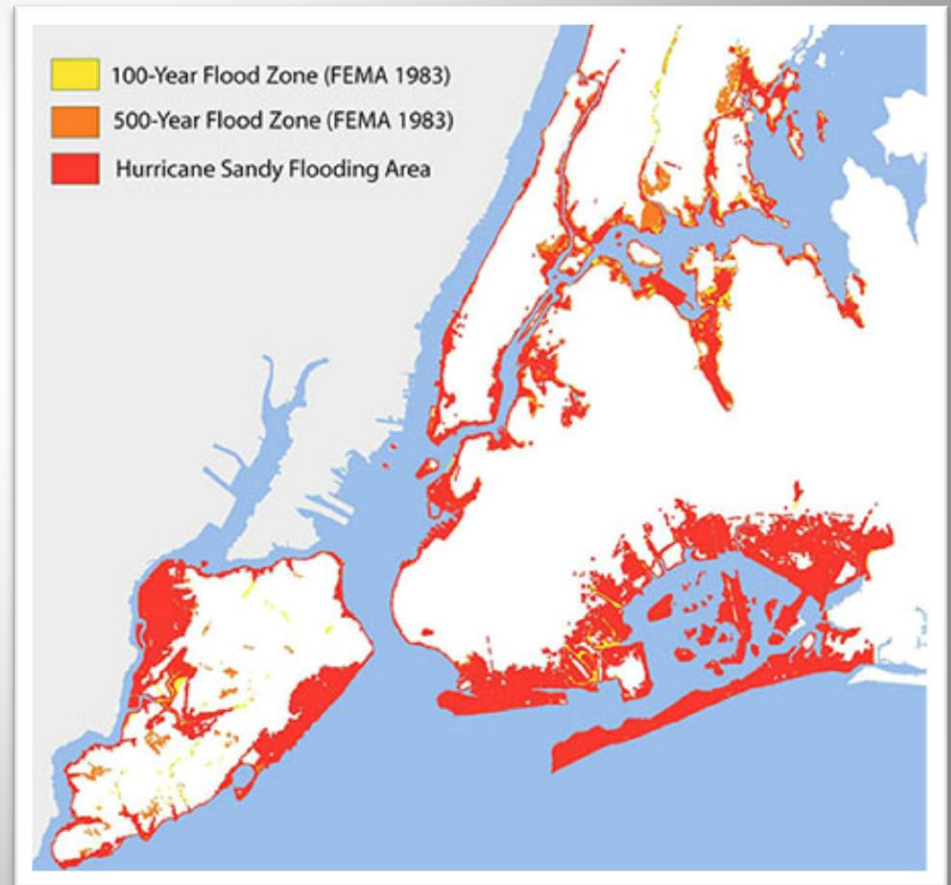
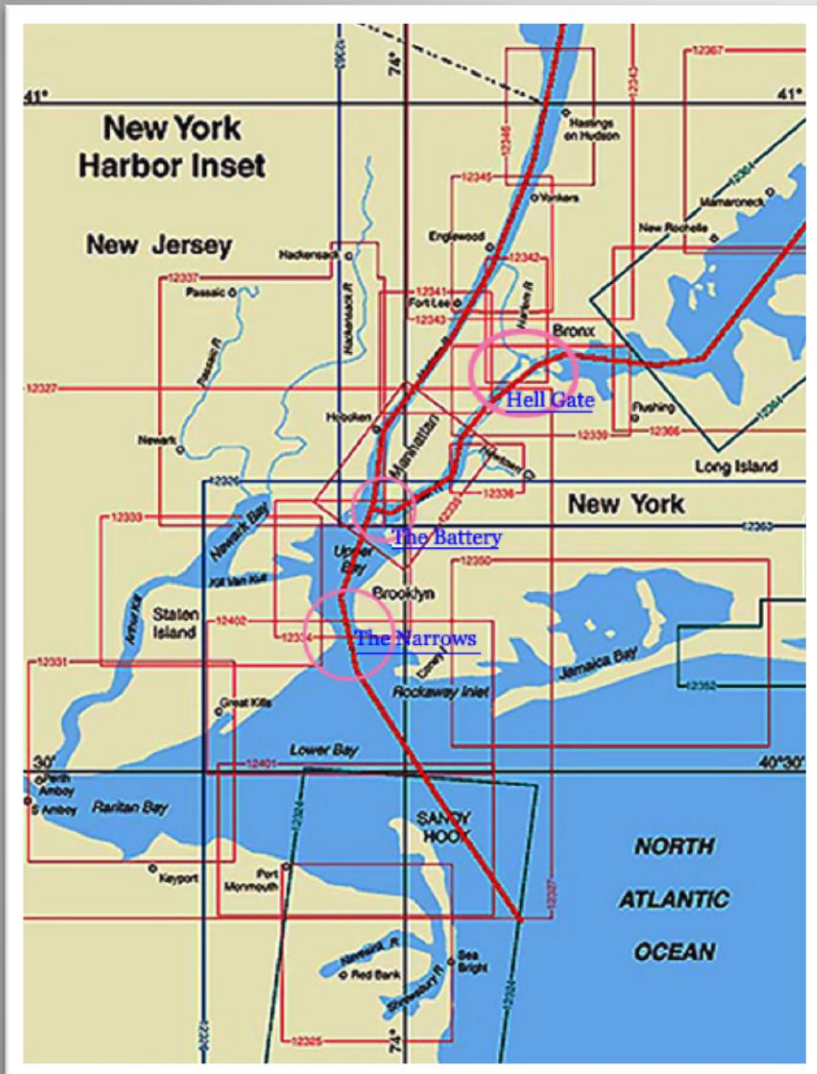
Open Space & the Urban Jungle: Ecosystem Restoration & Resiliency Post-Sandy



NY-NJ Harbor Coalition: NCER 2013



An island city...at risk...



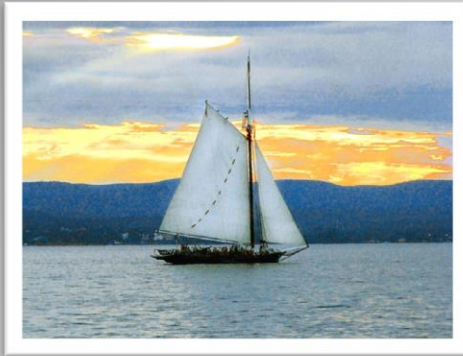
Once Upon A Time.....



- 400,000+/- acre estuary
- wildlife galore; “Staten Island Oysters”
- Industrialization, pollution & development: 85% filled

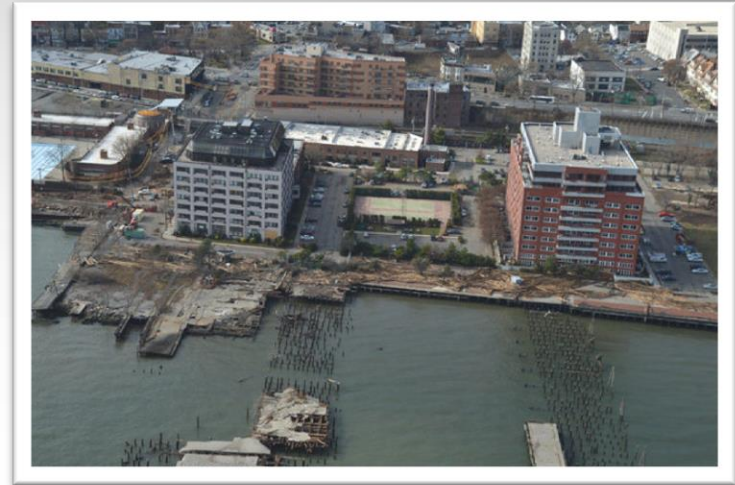


Changes in the wind....



- Environmental awakening 1960s & 70s
- Gateway National Recreation Area – 1972
- National Estuary Program - 1987
- Changing real estate interest – pro & con
- Waterfront rediscovery & wildlife recovery

Serious needs remain...



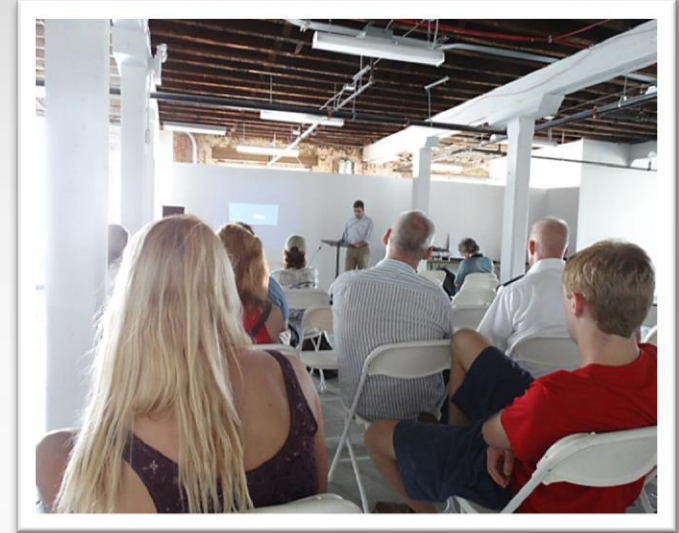
- Impaired waterways
- Investment is unequal
- Wetland loss continues
- Storms & sea-level rise



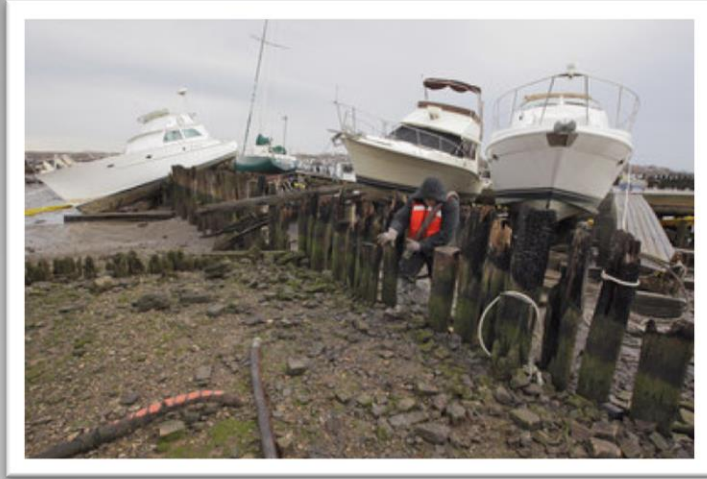
Advocacy efforts launched...



- Government & NGO partnership: NEP
- Civic engagement & urban planning: Plan NYC
- NGO collaboration: Harbor Coalition
- America's Great Waters Coalition



Hello Sandy!!!



Ecosystem damage...



- Beaches, habitat destroyed
- Saltwater intrusion
- Small prey wiped out
- Serious, ongoing pollution



National Parks damage...



- \$180 m repairs
- Beaches, bluffs, park facilities, power & sewer lines destroyed
- Statue of Liberty, Ellis Island & historic sites closed for months



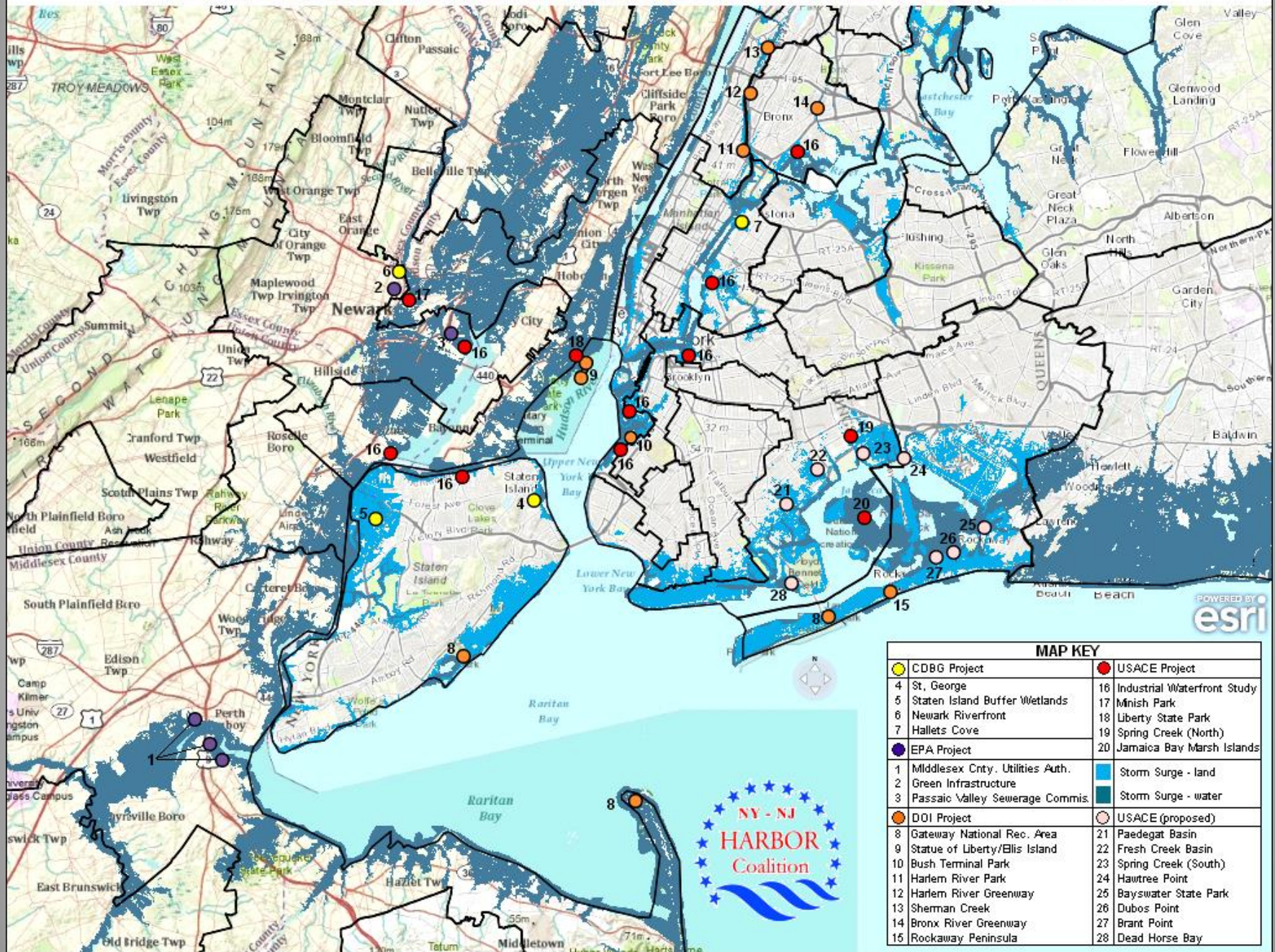
Harbor Coalition post-Sandy focus:



- Secure full, fair federal recovery funding
- Ensure funds are well-spent on resiliency projects w/ enviro & community benefits
- 28 site-specific priority project requests



NY-NJ Harbor Coalition: Superstorm Sandy Restoration Projects



| MAP KEY | |
|---------|-------------------------------|
| | CDBG Project |
| | USACE Project |
| | EPA Project |
| | DOI Project |
| | Storm Surge - land |
| | Storm Surge - water |
| | USACE (proposed) |
| 4 | St. George |
| 5 | Staten Island Buffer Wetlands |
| 6 | Newark Riverfront |
| 7 | Halletts Cove |
| 8 | Gateway National Rec. Area |
| 9 | Statue of Liberty/Elis Island |
| 10 | Bush Terminal Park |
| 11 | Harlem River Park |
| 12 | Harlem River Greenway |
| 13 | Sherman Creek |
| 14 | Bronx River Greenway |
| 15 | Rockaway Peninsula |
| 16 | Industrial Waterfront Study |
| 17 | Minish Park |
| 18 | Liberty State Park |
| 19 | Spring Creek (North) |
| 20 | Jamaica Bay Marsh Islands |
| 21 | Paedegat Basin |
| 22 | Fresh Creek Basin |
| 23 | Spring Creek (South) |
| 24 | Hautree Point |
| 25 | Bayswater State Park |
| 26 | Dubos Point |
| 27 | Brant Point |
| 28 | Dead Horse Bay |

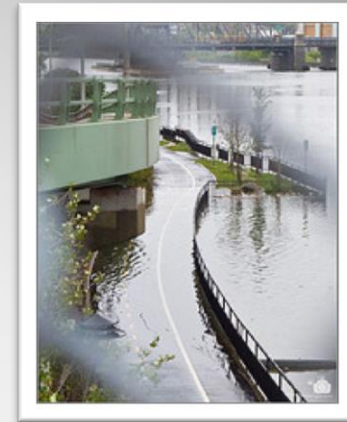
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Coalition priorities include:



- DOI funding for Harlem River Park, Bronx River Greenway, Staten Island & others
- USACE projects in Jamaica Bay (w/ marsh islands); Newark waterfront
- EPA investment in NJ water treatment plans



MUCH work remains...



- Projects in underserved communities
- Construction funds:
 - USACE work in Jamaica Bay
 - Bloomberg resiliency plan
 - Gateway NRA master plan
- USACE Resiliency Study
 - Natural shoreline solutions
 - Underserved, industrial areas
- Long-term governance, oversight & monitoring



Questions?

Comments? Suggestions?

Learn more at:

www.harborcoalition.org

Or email:

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Thank you!!!