

**REBUILD
BY
DESIGN**

Coming Together to Rebuild the Sandy Region

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Rebuild by Design
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TWO YEARS AGO..



PHYSICAL RESILIENCE



A photograph showing a homeless encampment. In the foreground, a large, messy pile of various shoes (boots, sneakers, dress shoes) is scattered on the asphalt ground. In the background, several people, including men, women, and children, are standing or walking. Some are looking at the shoes, while others are engaged in conversation. A man in a red jacket and a woman in a grey hoodie are visible on the right. A child in a brown jacket is standing near a stroller. The scene is set outdoors under a cloudy sky. A large white tent is visible on the left side of the image.

and SOCIAL RESILIENCE

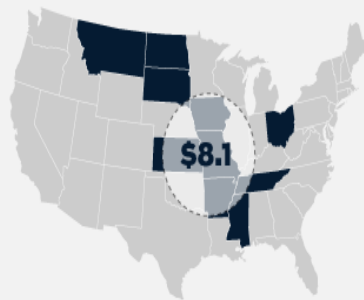
WE ALL
HATE YOU
SANDY

Disastrous spending: Federal disaster-relief expenditures rise amid more extreme weather

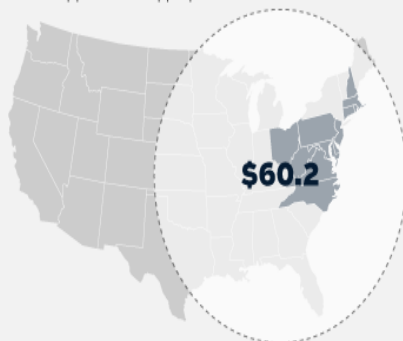
In 2011 and 2012 the United States experienced an onslaught of floods, storms, droughts, heat waves, and wildfires. We estimate that the federal government spent \$136 billion total from 2011 to 2013 on disaster relief, which adds up to nearly \$400 per household per year. These costs will continue to increase as extreme weather becomes more frequent and/or severe due to climate change. We must act now to reduce the industrial carbon pollution responsible for climate change and help communities become more resilient to extreme weather.

Funding for disaster recovery and relief for 3 major events (in billions of dollars)

Flooding in Mississippi and Missouri rivers
Disaster Supplemental Appropriations 2012



Superstorm Sandy
Disaster Supplemental Appropriations 2013

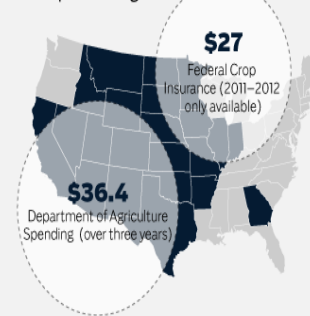


Federal spending on disaster recovery and relief by department (in billions of dollars)

FY 2011–2013



Widespread drought



Total federal spending on disaster recovery and relief:

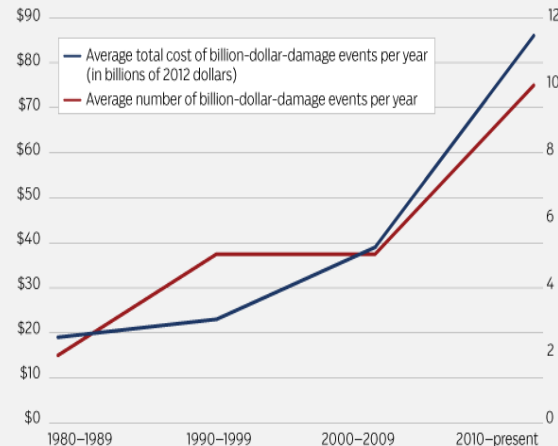
\$136 BILLION

Total cost per household per year:

\$396



Billion-dollar-damage extreme weather events increasing in frequency and cost, 1980–2012



Investments in resiliency pay off

Every \$1 spent on disaster resiliency yields \$4 in future benefits



**REBUILD
BY
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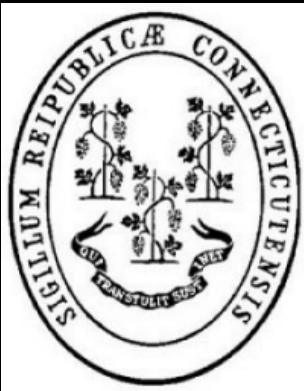
Promoting Resilience
Post-Sandy
Through Innovative
Planning and Design

An Initiative Of
The President's
Hurricane Sandy
Rebuilding Task Force

What is Rebuild by Design?



GOVERNMENT + PARTNERS



About DCA

Divisions

Codes & Standards

Fire Safety

Housing & Community Resources

Local Government Services

Sandy Recovery Division

Recovery Programs

Housing Recovery Centers


Sign Up For Updates

CDBG Disaster Recovery Action Plan and Reports

Construction Contractor Opportunities and Updates

Environmental Review Information

Sandy Recovery Division



SANDY RECOVERY DIVISION

The Sandy Recovery Division manages the majority of the federal funds being used to assist the State in recovering from Superstorm Sandy. These funds come from the Community Development Block Grant (CDBG) Disaster Recovery programs of the U.S. Department of Housing and Urban Development. The Division is committed to efficiently and effectively addressing the long-term needs of New Jersey's Sandy-impacted residents and communities through programs designed to help homeowners, tenants, landlords, developers and local governments.


Please click here for Sandy Recovery Updates

State

State Agencies

Search all of NY

view Business Homeowners Community Reconstruction Program Communications Funding Resources



GOVERNOR'S OFFICE OF STORM RECOVERY

"We're not just going to build what was, we're going to build to a level that never was before."

- Governor Cuomo

COPY SAND

NYC Resources

311

Office of the Mayor


Special Initiative for Rebuilding and Resiliency

Printer Friendly

Email a Friend

Translate This Page

Text Size: A A A

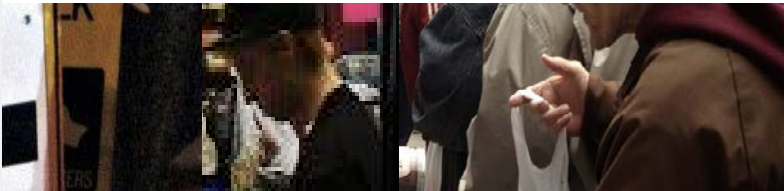


Quick Links

- NYC Recovery
- Department of Buildings
- NYC Community Affairs Unit
- NYC Department of City Planning
- NYC Department of Environmental Protection
- NYC Hazard Mitigation
- NYC Parks and Recreation
- PlaNYC 2030
- FEMA maps

View NY Rising Community Conceptual Plans which are snapshots of current thoughts of participating communities and planning committees.

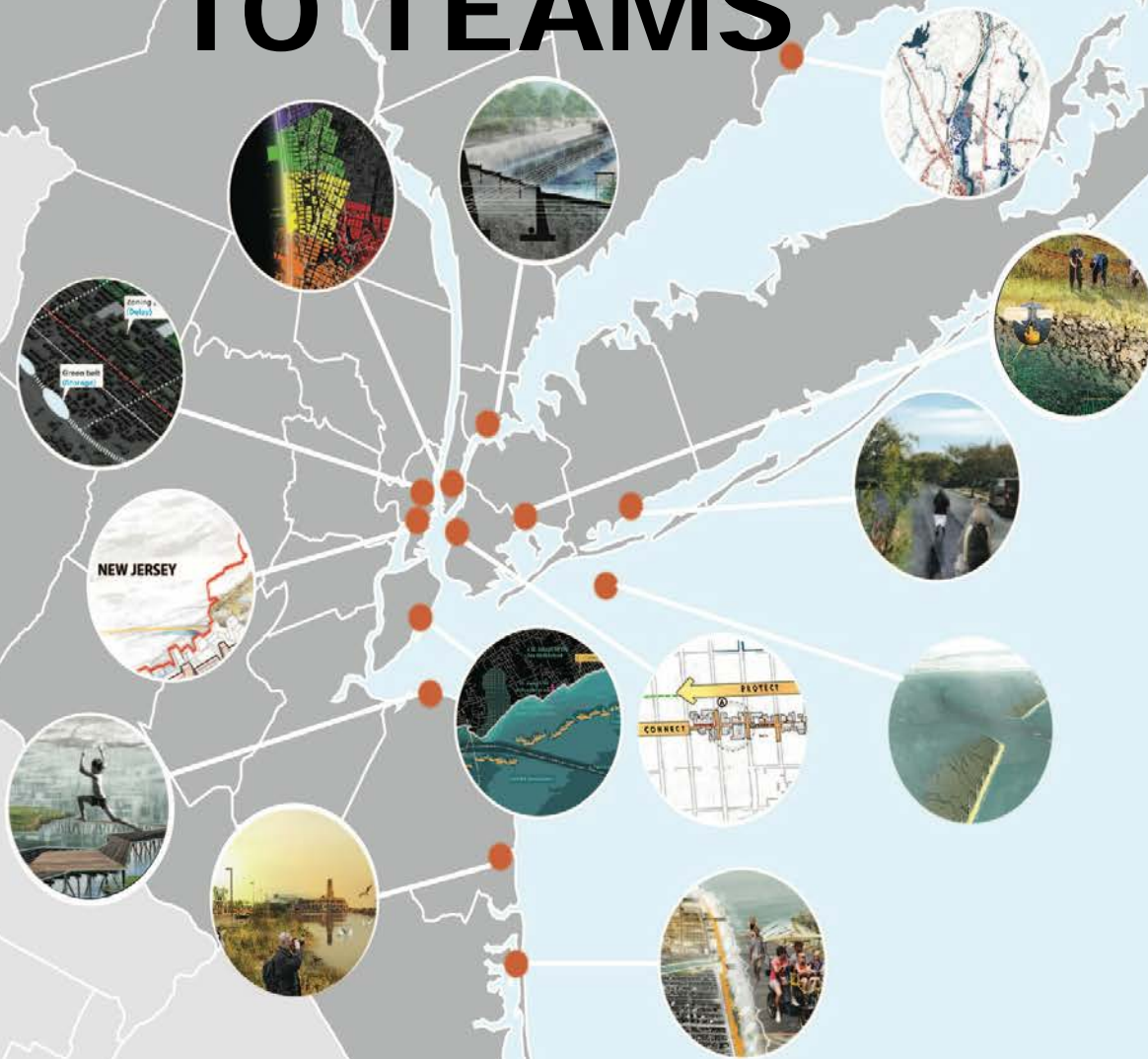
ing Program Application Closing April 11, 2014



10 TEAMS

- Architects
- Engineers
- Scientists
- Academics
- Urban Designers
- Planners
- Water Experts
- Policy and Finance Experts
- Artists

1 REGION



WOULD YOU BET THE HOUSE ON THIS?

Hand	Probability
Royal flush 	0.000154%
Straight flush (not including royal flush) 	0.00139%
Four of a kind 	0.0240%
Full house 	0.144%
Flush (excluding royal flush and straight flush) 	0.197%
Straight (excluding royal flush and straight flush) 	0.392%
Three of a kind 	2.11%
Two pair 	4.75%
One pair 	42.3%
No pair / High card 	50.1%
Total	100%

A 100-YEAR FLOOD
REFERS TO A
1% CHANCE OF
FLOODING EACH
YEAR.

A 100-YEAR FLOOD IS
TWICE AS LIKELY AS
GETTING A STRAIGHT
IN POKER.

BY 2050, A 100-YEAR
FLOOD WILL BE
MORE LIKELY THAN
GETTING THREE OF A
KIND.

A group of people are gathered around a table, engaged in a collaborative activity. In the foreground, a man and a woman are leaning over a large map or blueprint spread out on the table. The man, on the left, is pointing at a specific area on the map with his right hand. The woman, on the right, is holding a yellow pen and looking intently at the map. Behind them, another woman is standing and observing. To the right, a man in a black shirt is also looking at the map. The map itself is a detailed urban plan with various streets, buildings, and colored lines (red, blue, yellow) indicating different routes or zones. There are also some small objects on the table, including a yellow box of markers and some papers. The overall atmosphere is one of focused teamwork and discussion.

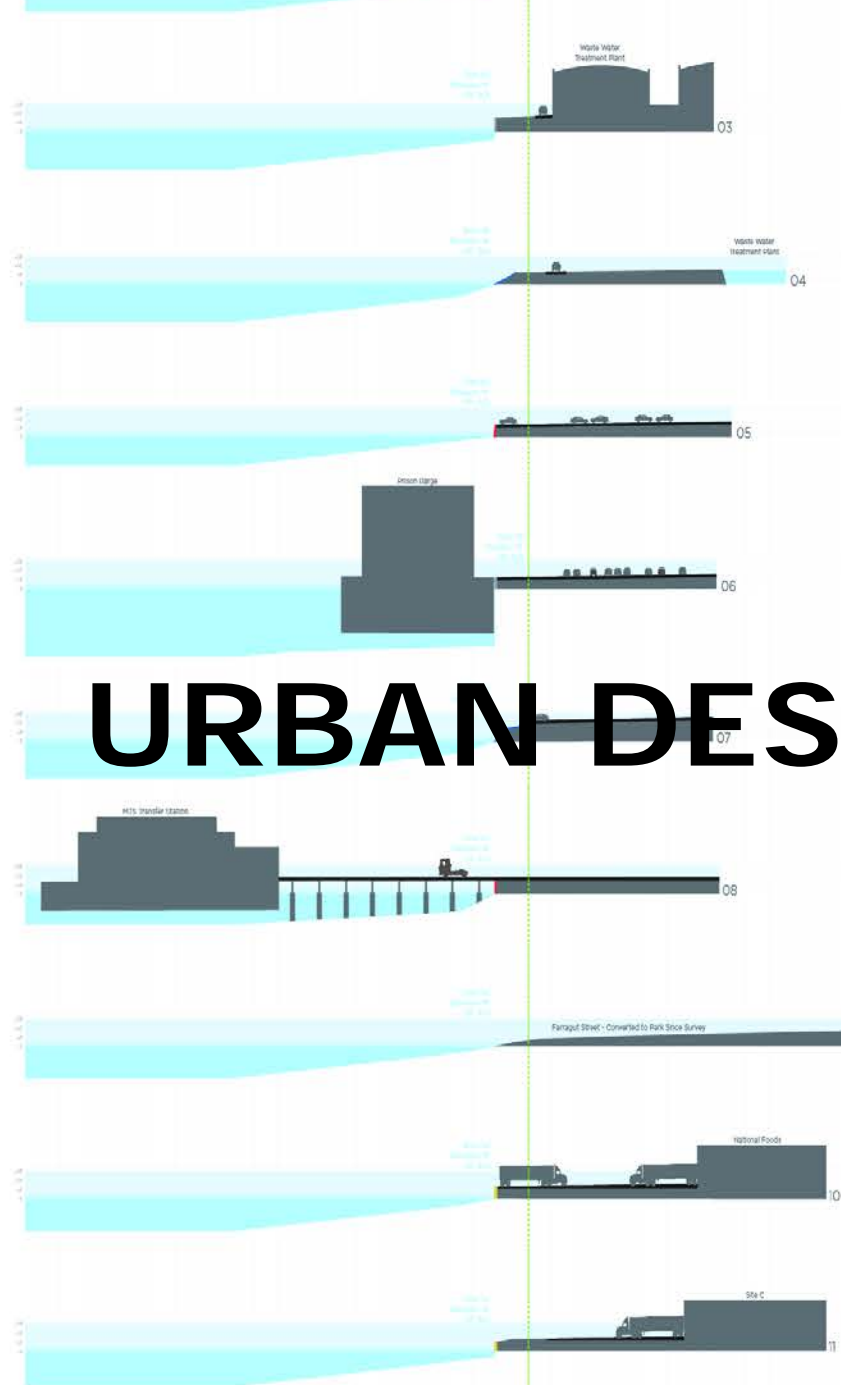
COLLABORATION

ARCHITECTURE

A conceptual architectural rendering showing a dense cluster of modern skyscrapers, including recognizable buildings like the Chrysler Building and One World Trade Center, placed on top of a large, circular, brick military fortification (Fort Mifflin) situated in the water. The word 'ARCHITECTURE' is overlaid in large white letters.

IMAGE: OMA TEAM





Discharge

Pump (future)
(Discharge)

Landscape
levee
(Resist)

URBAN PLANNING

Zoning policy
(Delay)

Hard
infrastructure
(Resist)

Pump (existing)
(Discharge)

Green belt
(Storage)

IMAGE: OMA TEAM



REGIONAL APPROACH

IMAGE: WXY/West8

REGIONAL APPROACH

IMAGE: WXY/West8

first annual hunts point **slam bake**

Hosted by the
Cooking Channel's
Baron Thunberg

The POINT Community Development Corporation,
Sustainable South Bronx, Mothers on the Move, Hunts
Point Terminal Produce Cooperative Association,
Hunts Point Cooperative Market, New Fulton Fish
Market, the Bk Projek, Hunts Point Economic
Development Corporation, NYC Environmental Justice
Alliance, John V. Lindsay Wildcat Charter School,
Rocking the Boat, ABN Associates LLC and Taconic
Management Company LLC
cordially invite you to a:

**Cooking
Competition**
featuring the
**Bounty, Talent and
Tastes of Hunts Point**



INNOVATION

Wednesday, March 19
5:00 PM - 8:30 PM

banknote building

3rd Floor Event Space, 1231 Lafayette Avenue

Presentation of Dishes to Judges 5:00 PM

SlamBake Public Tasting at 5:30 PM

Judges Announce Winners at 6:30 PM

Rebuild by Design Public Meeting 7:00 PM

Childcare and Spanish-language translation will be provided.

Judging and public tasting followed immediately
by a public meeting to review draft ideas for HUD's

Rebuild by Design:
**plans for new
infrastructure to protect
Hunts Point from the
next Superstorm**



A. Delia

ALL SCALES AND TIME



3 MONTHS OF RESEARCH



4 MONTHS OF DESIGN



Citymaking Bridgeport



Saturday
March 15
1-4pm

**REBUILD
BY
DESIGN**

Bridgeport Public Library
Pop room, 1st. floor
925 Broad St, Bridgeport CT

Bike Tour Along the Pequonnock
Design Your Ideal City: Workshop
Bike Repair: Demonstration and Clinic
Living With Water: Urban Design Station
Hack Your Bike!
Bike Art
DJ and Live Music
Free food from Pantanal, Ms Thelma's,
and Rootsman
Win a Free Bike!!

This afternoon festival highlights the many ways people around the Bridgeport can take an active role in making their city.

Citymaking Bridgeport is a community outreach program of Rebuild by Design, a design competition of President Obama's Hurricane Sandy Task Force, and led by the U.S. Department of Housing and Urban Development (HUD). rebuildbydesign.org

Contact: jchou@vanalen.org,
212-924-7000 x20

**MARCH 13
2014 - 6:30 PM**

Innovating for a Resilient Rockaway

SOLUTIONS FOR SMALL BUSINESS

Hosted by the Beach 116th Street Partnership
Support from The Municipal Art Society of New York
Presentation by Rebuild by Design's HR&A Advisors
and Cooper, Robertson & Partners team

**231 Beach 116th Street
Thursday-March, 13th
6:30 PM - 8:30 PM**

www.shopbeach116.com/news-events/resilientrock/

What can I do to protect
my small business?

What are my
options?

How do I finance resilient improvements?



**REBUILD
BY
DESIGN**

An Initiative of the President's
Hurricane Sandy Rebuilding Task Force
In Collaboration With
NYC's Institute for Public Knowledge
Municipal Art Society
Regional Plan Association
Van Alen Institute

Lead Supporter
The Rockefeller Foundation

With Support From
Deutsche Bank Americas Foundation
Hearst Foundation
JPB Foundation
Surdna Foundation
The New Jersey Recovery Fund



HR&A
Analyze. Advise. Act.

A photograph of two people in a kitchen setting, one wearing a 'Sustainable South Fork' t-shirt, with a pink overlay.

535
ORGANIZATIONS

A photograph of people at a community event, with a yellow overlay.

64
**COMMUNITY
EVENTS**

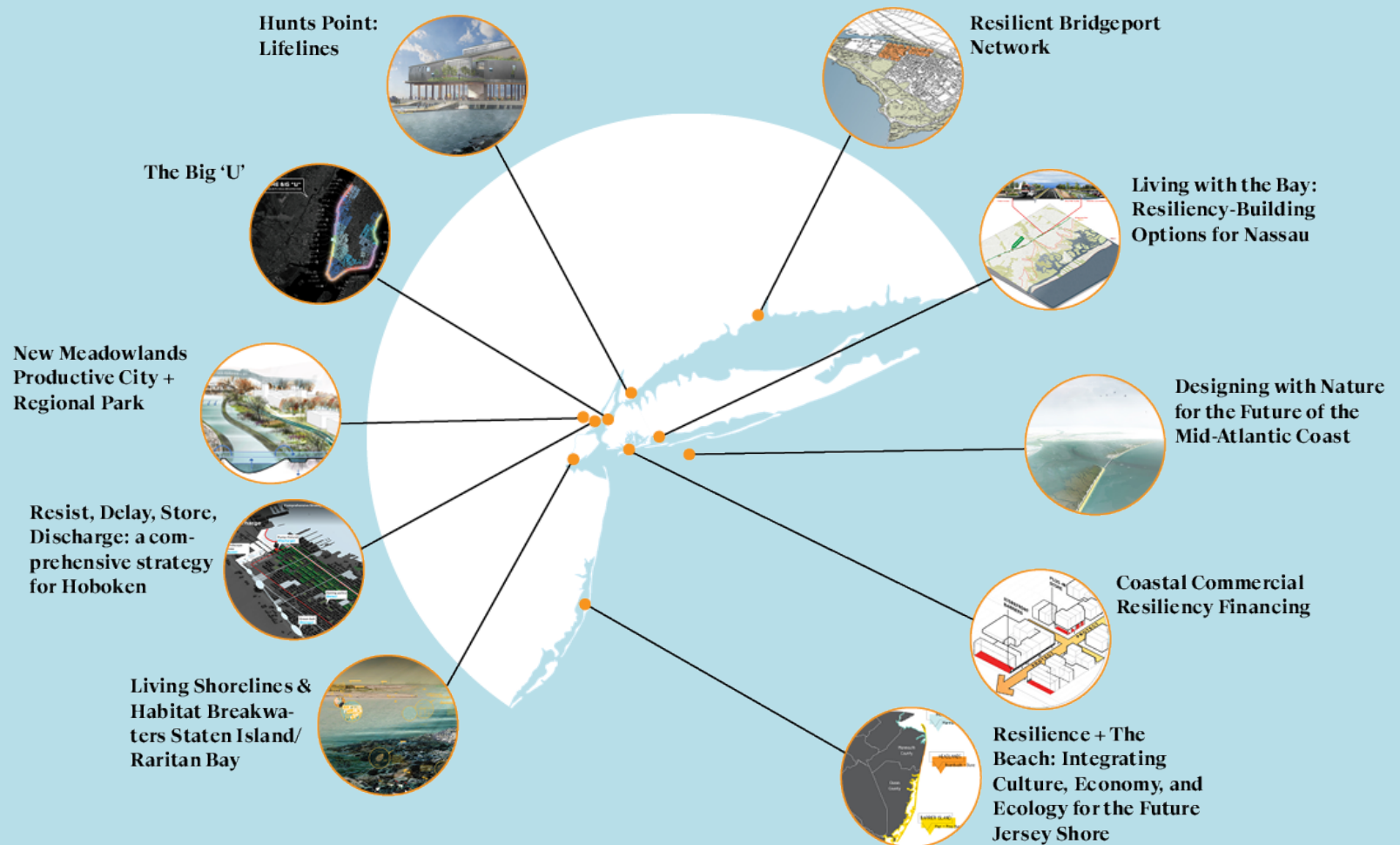
A photograph of an aerial view of a city, with a purple overlay.

141
**NEIGHBORHOODS
AND CITIES**

A photograph of three people standing together, with a blue overlay.

181
**GOVERNMENT
AGENCIES**

10 Projects | 1 Region



Winning Proposals



LIVING BREAKWATERS

SCAPE / Landscape
Architecture
Staten Island, New York



Hunts Point Lifelines

PennDesign/OLIN
Bronx, New York



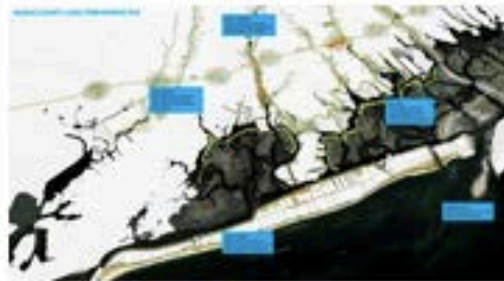
Resist, Delay, Store, Discharge: A Comprehensive Strategy for Hoboken

OMA
Hoboken, New Jersey



New Meadowlands: Productive City + Regional Park

MIT CAU + ZUS +
URBANISTEN
The Meadowlands, New Jersey



Living with the Bay: A Comprehensive Regional Resiliency Plan for Nassau County's South Shore

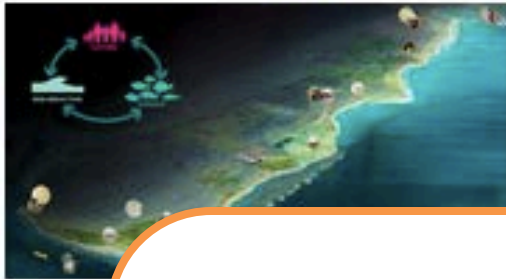
Interboro Team
Long Island, New York



BIG U

BIG TEAM
New York, New York

Winning Proposals



**\$920 Million in Federal
Disaster Funds**

LIVING

SCAPE
Archite
Staten



**New Meadowlands: Productive
City + Regional Park**

MIT CAU + ZUS +
URBANISTEN
The Meadowlands, New Jersey



**Living with the Bay: A
Comprehensive Regional
Resiliency Plan for Nassau
County's South Shore**

Interboro Team
Long Island, New York



BIG U

BIG TEAM
New York, New York

Discharge:
Strategy for

IMPLEMENTATION



An aerial photograph of a coastal town. On the left, a row of colorful houses with porches sits on a sandy dune. A road runs parallel to the houses. To the right of the road is a wide, sandy beach with numerous tire tracks. The ocean is on the far right, with waves breaking onto the shore. The text is overlaid in the center of the image.

**POLICY,
FINANCE,
COMMUNITY
ENGAGEMENT,
RESEARCH,
and
REPLICABILITY IN OTHER
REGIONS**

AT RISK

ATLANTIC HURRICANE TRACKS 1980-2005