



Superstorm Sandy Alumni

Lessons from Pratt Institute students supporting community resilience

Sandy+10 Conference
October 28, 2022 | 12:30pm EST
The Forum at Columbia University

Pratt



Pratt

School of
Architecture

SANDY+10

How has a decade of community-engaged climate mitigation, adaptation, resilience, and justice work since Superstorm Sandy shaped Pratt Institute alumni careers, approaches, and interactions with frontline communities?

Introductions (**5 min.**)

Framing: Pratt Institute & Community Engagement (**5 min.**)

Reflections (**25 min.**)

THE RESPONSE *with Roxanne Earley*

THE RECOVERY RAMPS UP *with Leonel Lima Ponce*

THE REBUILDING *with Matea Kulusic*

THE NEW REALITY *with Delaney Bianca Morris*

Q&A (**15-20 min.**)



ROXANNE EARLEY

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Executive Director, The Hoboken Business Alliance*



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Acting Academic Director, Pratt Institute
MS in Sustainable Environmental Systems*



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DELANEY MORRIS

*MS in Urban Placemaking and Management '20
MS in Sustainable Environmental Systems '21
Resilience & Waterfront Planner, Boston Planning & Development Agency*



HELEN HARMAN

*Candidate, MS in City and Regional Planning
Co-chair, Pratt Disaster Resilience Network*



SARAH VARGHESE

*Candidate, MS in Sustainable Environmental Systems
Member, Leaders in Environmental Advocacy at Pratt*



PRATT INSTITUTE & COMMUNITY ENGAGEMENT

PRATT INSTITUTE & COMMUNITY ENGAGED PLANNING: HISTORY

Pratt responds to a request from Church Community Services to undertake a plan for Bedford Stuyvesant. After an initial confrontation, Pratt begins to work with the Central Brooklyn Coordinating Council, a broad based coalition of B-S organizations, and with Elsie Richardson, Chair of its Community Development Committee.



Elsie Richardson and
Congresswoman
Shirley Chisholm

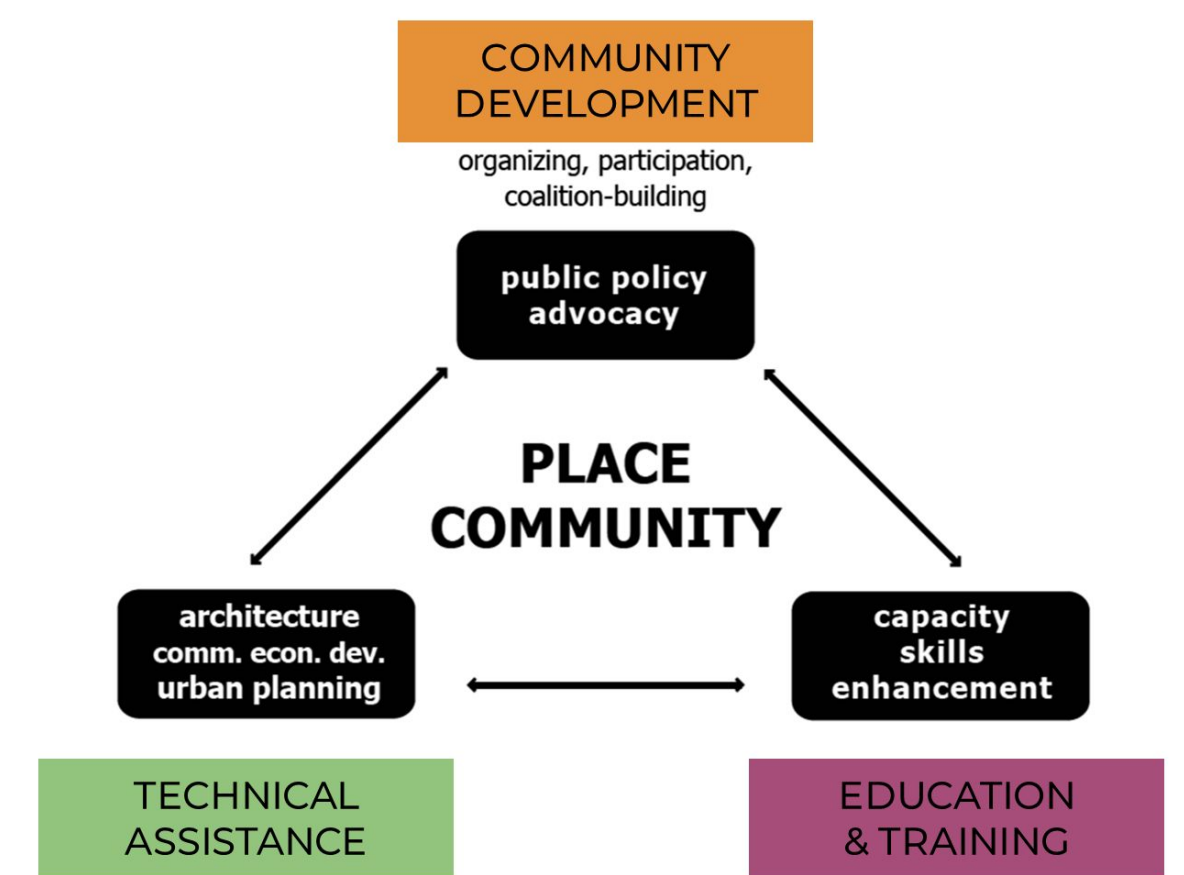


PRATT INSTITUTE & COMMUNITY ENGAGED PLANNING: HISTORY

... IF GOVERNMENT WON'T HELP TO REBUILD, THEN THE COMMUNITY WILL CREATE ITS OWN ENTITY.
THE CONCEPT OF THE COMMUNITY DEVELOPMENT CORPORATION (CDC) EMERGES



PRATT INSTITUTE & COMMUNITY: A PLACE-BASE, ENGAGED APPROACH



THE RESPONSE

with Roxanne Earley



IMMEDIATE AID: PRATT DISASTER RESPONSE NETWORK

SHORT TERM RELIEF & RECOVERY: PRATT DISASTER RESILIENCE NETWORK



FROM RECOVERY TO RESILIENCE: PDRN TO RAMP

Coastal Reforestation 2 Days of Rockaway Plantings



**Dune
Restoration**
Sunday
October 27th
10 am – 2 pm

Beach 59th Street
& Rockaway Beach Blvd

No Registration Required

[http://www.rwalliance.org/rwa/
events/](http://www.rwalliance.org/rwa/events/)



**SANDY
ANNIVERSARY
PLANTING**

Saturday
November 2
11 am - 5 pm

Beach 129th Street
& Rockaway Beach Blvd

Please Register
No Fee Promo Code : RAPID

[http://retreetamerica.org/next-
event-sandy-planting/](http://retreetamerica.org/next-event-sandy-planting/)

For More Info Contact:
RapidGreen@RapidNYC.com

Join PDRN and the Watershed Planning Class
for an exciting

LECTURE

Dr. Andrew Hudson

Sustainable approaches to
water management at the
local regional & global levels

November 27, 2012
HHS 213
4-6 PM

PRATT DISASTER
RESILIENCE NETWORK

PROGRAMS for
SUSTAINABLE PLANNING
and DEVELOPMENT

Financing an Equitable and Resilient Future

Presented by:



Tuesday, November 19th, 2013

New York City Bar Association
42 W. 44th Street
New York, NY 10036

8:00 AM to 12:30 PM

Register: innovativefinance.eventbrite.com



LESSONS LEARNED:

Community networks are critical resiliency infrastructure - social ties are a critical form of response and resilience preparedness are thematic to my career.

*Prepare to improve response: community is the first line of defense.
Connect as a part of preparedness: networks of neighbors had you long before first responders.*

A group of people are working on a large, colorful mural on the side of a building. The mural features a large, stylized skull with vibrant colors and patterns. In the foreground, a blue ramp structure is visible, and several people are standing on it, some looking up at the mural. The scene is set outdoors under a clear sky.

THE RECOVERY RAMPS UP

with Leonel Lima Ponce

**Recovery, Adaptation, Mitigation and Planning-
RAMP, a post-Sandy initiative of Pratt Institute
Programs for Sustainable Planning and
Development (GCPE), was a suite of studios,
classes and public programs that works
closely with community partners to address
issues of recovery, sustainability and
resilience in the face of a changing climate.**

RAMP

Recovery
Adaptation
Mitigation
+Planning

RAMP is an interdisciplinary suite of studios, classes and open workshops that will address issues facing the coastal communities of New York City and the Region post-Sandy.

BEGINNING SUMMER 2013
Summer Session May 13-August 5

In the face of climate change, we must go **beyond resiliency** to approach the social, economic, and environmental injustices that have plagued neighborhoods for decades at the detriment of us all.

STUDIOS

Community Planning
Green Infrastructure
Design/Build
Sustainable Business
Undergraduate Architecture:
*Repositioning in Place -
Strategies for a Resilient
Red Hook*

CLASSES

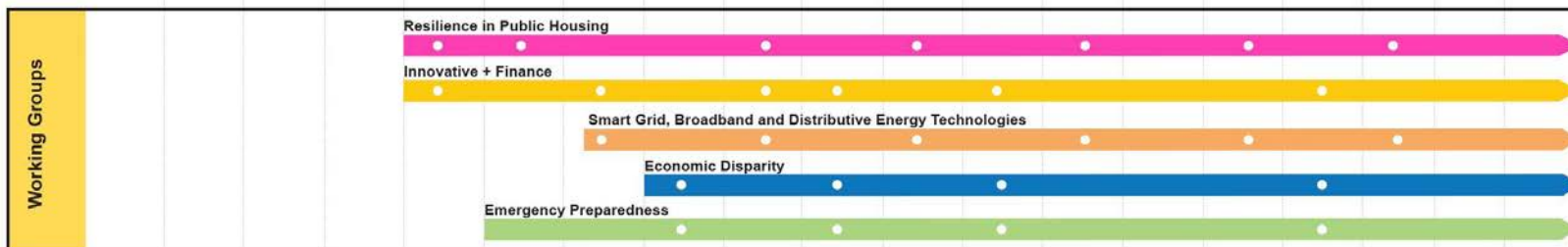
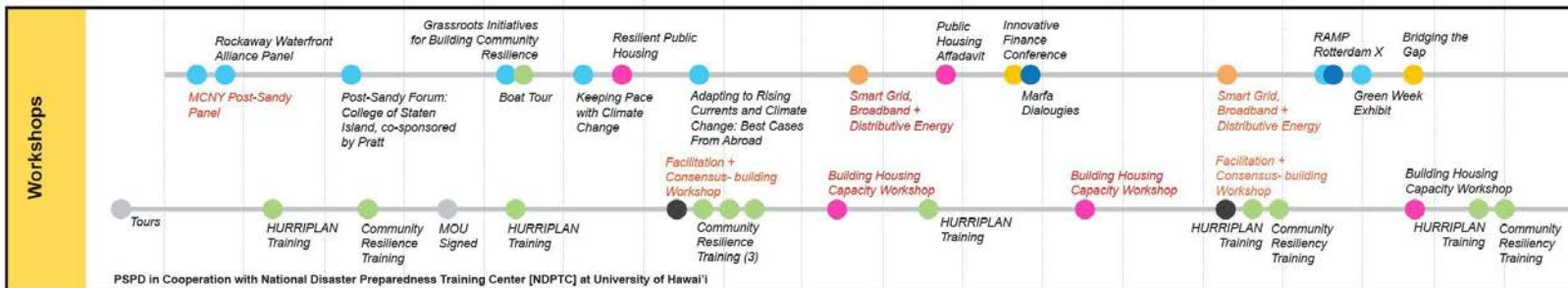
Adapting to Rising Currents
and Climate Change:
Examples from Abroad
Continuing GIS
Facilitating Environmental
Solutions
Grassroots Initiatives for
Building Community
Resilience
Urban Alchemy: *Social
Integration & Human Health*
The Regulation of Space:
*The Impact of Emerging
City Policy on the
Rebuilding of Neighborhoods*

OPEN WORKSHOPS

Community Organizing
Hazardous Materials
Innovative Recovery and
Adaptation Financing
Presenting Policy
Public Housing
Smartgrid / Broadband
Access
AND MORE!

Pre-RAMP

Grant period begins



Recovery, Adaptation, Mitigation and Planning Timeline

COMMUNITIES & PARTNERS

LOWER EAST SIDE



RED HOOK

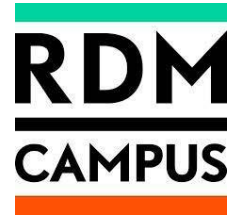


CONEY ISLAND

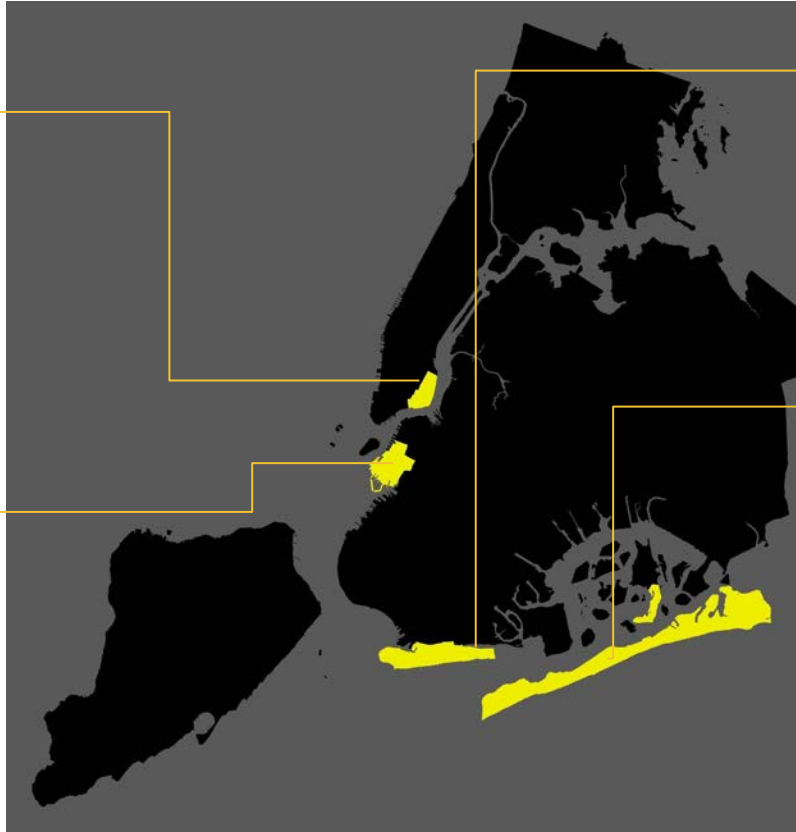


LOCAL OFFICE
LANDSCAPE ARCHITECTURE

ROCKAWAYS



THE
KRESGE
FOUNDATION



COURSES & STUDIOS

At its core, the RAMP studios served matriculated undergraduate and graduate architectural students and graduate students in planning, preservation, and environmental management at Pratt, as well as students from other accredited planning and architectural programs interested in getting credit for participating in these classes. The studios/urban labs were open to practicing professionals seeking to update their skills.

The studios included:

Community Planning

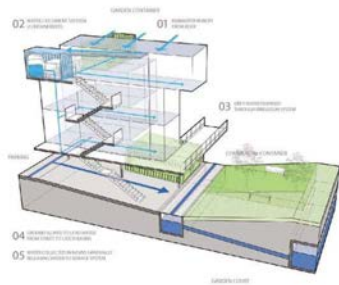
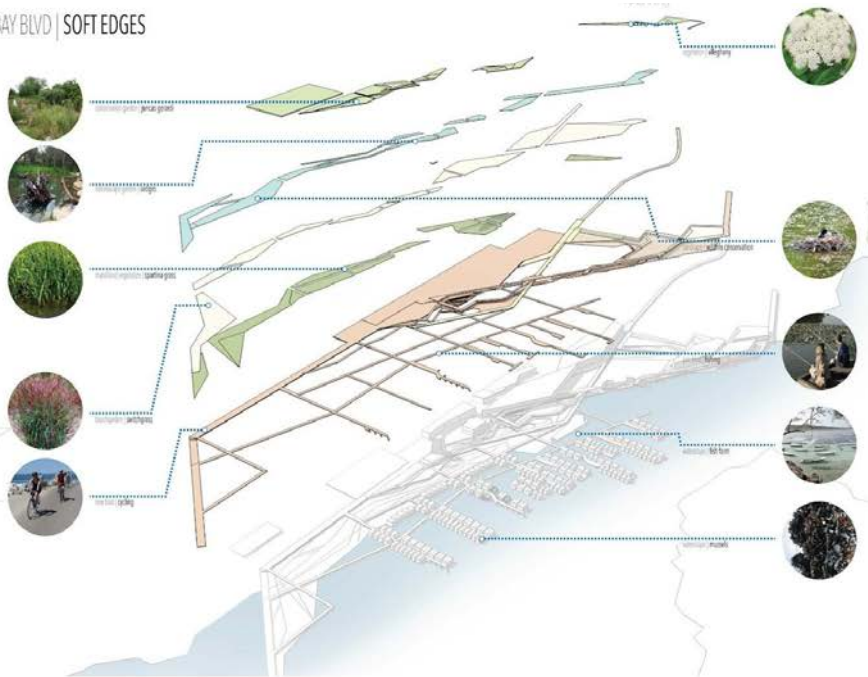
Architecture

Sustainable Business

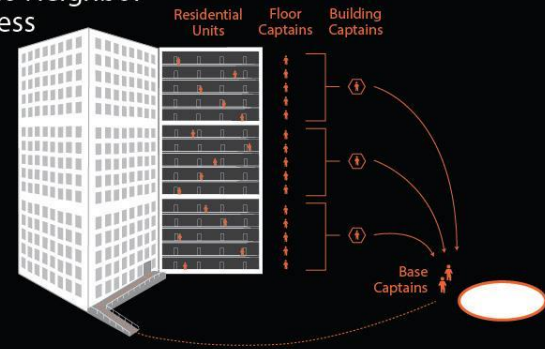
Green Infrastructure

The studios worked with community-based clients addressing issues of recovery, sustainability and resiliency.





Neighbor to Neighbor Preparedness and Response Networks



Rockaway Marshway WETLAND WAYFINDING NETWORK

Parks & Open
Space
Seminar

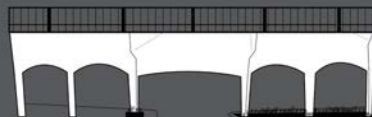
Erin Buchanan
Parks & Open
Space
Seminar

Pratt
Institute
Program for Sustainable
Planning & Development

Pratt
Institute
Program for Sustainable
Planning & Development

EDUCATION

Education is a key component of the network, providing information and resources to the community.



COMMUNITY VISIONING & WORKSHOPS

In addition to the participatory studios/urban labs, a series of workshops and/or conferences to expand on and/or complement the topics covered in the studios will also be offered starting in the spring/summer of 2013. The workshops were open to practicing professionals in the field, community residents and advocacy groups, and, wherever possible, co-sponsored by various technical assistance providers, advocacy organizations, professional associations and community-based organizations.

Workshops included the following topics:

Building Human Capital and Community Organizing
Health/Mental Health
Money, Politics, Power and Resiliency Efforts
Creative Finance
Public Housing
Resiliency and Green/Grey/Blue Infrastructure
Techniques for Smart Grid and Broadband
Business and Job Retention and Creation.







INTERNATIONAL EXCHANGE



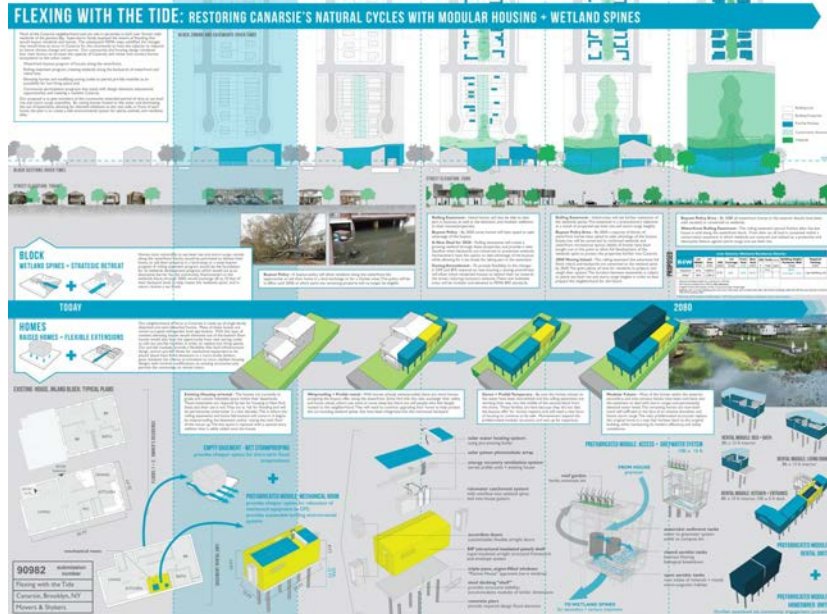
LESSONS LEARNED:

Maintaining momentum during protracted crises is an enormous challenge, both for frontline communities and organizations, and for academic and technical partners.

Institutional memory must be preserved to ensure we learn our lessons - in approach and in proposed outcomes.

We must look inward, within our academic and professional networks - first and continuously - and ask tough questions of ourselves, our institutions, our disciplines. Are we working in a just manner?

CAREER CARRYOVER:



THE REBUILDING

with Matea Kulusic



DELTA CITIES COASTAL RESILIENCE STUDIOS

Graduate Center for Planning and the Environment + Undergraduate Architecture + ...

FALL 2022 (ongoing): Flushing Creek, Queens

Waterfront Access, Ecological Restoration, and Development Pressures | client: Guardians of Flushing Bay

FALL 2021: Green Resilient Industrial District Resilient Water Hub, Sunset Park, Brooklyn

Operationalizing a Just Transition in an industrial waterfront | client: UPROSE

FALL 2020: Radical Rethinking / Resilience Infrastructure, Jamaica Bay Queens

Humanistic Retreat and Habitation of this Barrier Island | client: RISE & Science Resilience Institute of Jamaica Bay

FALL 2019: Bay to Beach, Edgemere Queens

Humanistic Retreat and Habitation of this Barrier Island | client: RISE (formerly Rockaway Waterfront Alliance)

FALL 2018: Reach by Reach, Newtown Creek

The 3rd EPOCH, Circular Economies & the Future of Urban Waterfronts | Newtown Creek Alliance & Evergreen Exchange

FALL 2017: North Shore Staten Island

NY Rising Along the North Shore, an Industrial Re-Envisioning | client: NYC EDC & NYS Governor's Office of Storm Recovery

FALL 2016: Hunts Point, Bronx NY

On The Working Waterfront | client: The Point CDC

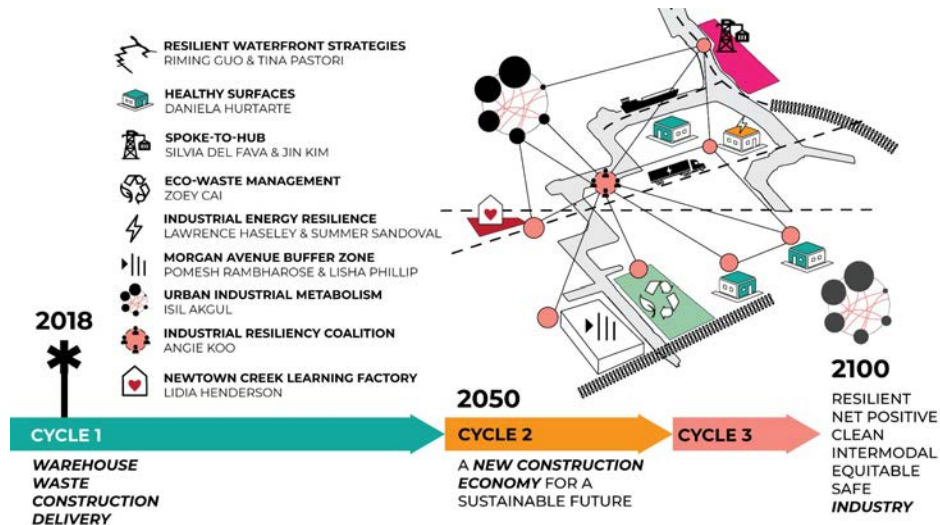
FALL 2015: Red Hook Brooklyn

Living with Water in 2100, Red Hook Brooklyn | client: Resilient Red Hook

A MODEL FOR NYC, MULTI-GENERATIONAL HUMANISTIC RETREAT STRATEGIC PLAN

[illegible]

CIRCULAR ECONOMY, A RESILIENT FUTURE IN THE THIRD EPOCH

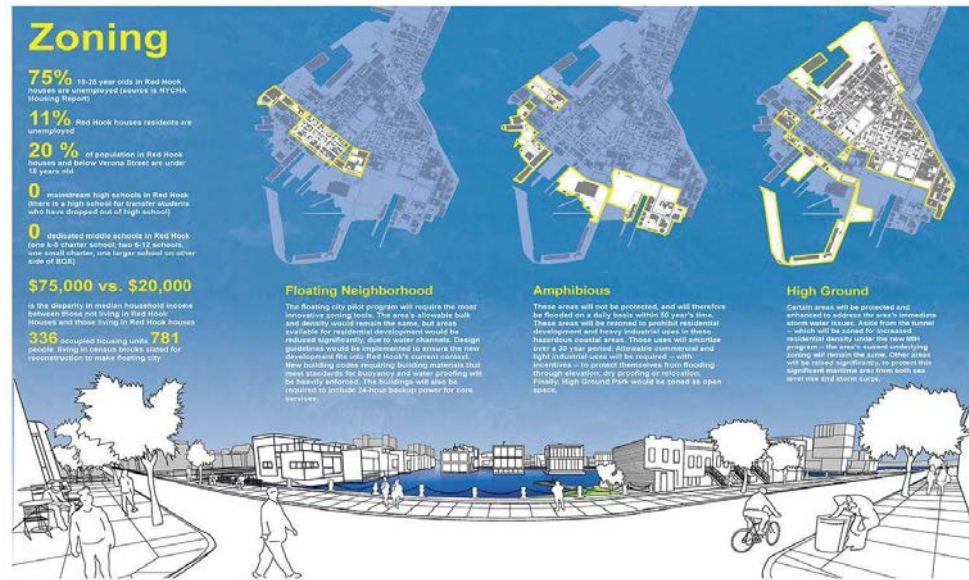


RED HOOK: LET THE WATER IN 2016

LIVING WITH WATER, AN INNOVATION RESILIENCE DISTRICT 2100



ZEHRA KUZ + GITA NANDEN + THOMAS JOST



A. Barrman + J. Bezemes + R. Gene + A. Levers + K. Selden + UG ARCH: S. Conigliaro, S. Halvorsen

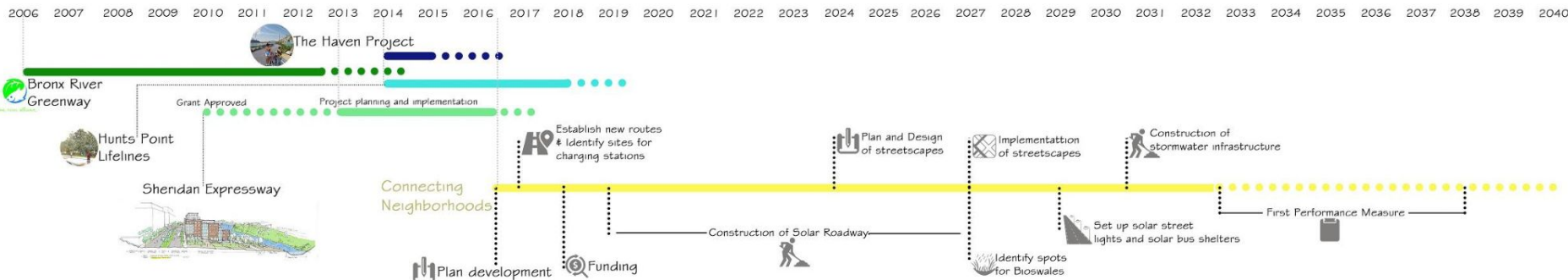
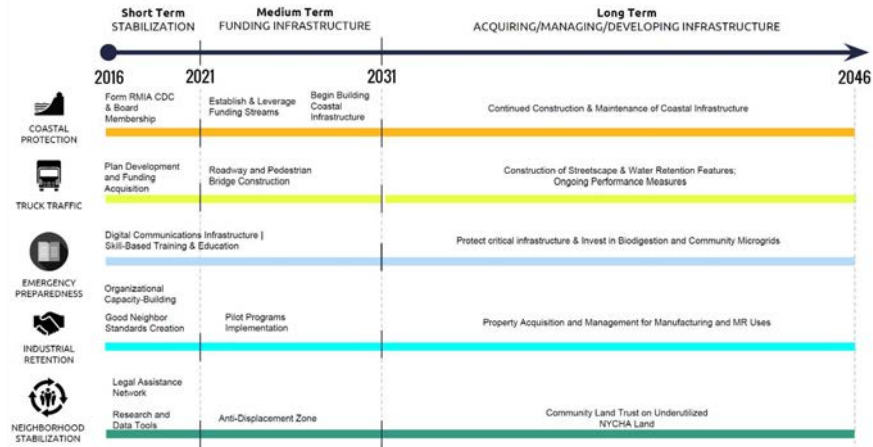
Master Plan



HUNTS POINT: ON THE WORKING WATERFRONT 2016

SOUTH BRONX COMMUNITY RESILIENCE AGENDA RECOMMENDATIONS

Opportunity Map



LESSONS LEARNED:

All solutions need to be interdisciplinary, and one discipline does not hold more weight than another - all perspectives need to be heard and addressed.

Any solution to a challenge made today should be made with consideration for its long term impacts.

THE NEW REALITY

with Delaney Bianca Morris



PLANNING BEYOND COVID-19



Education and Housing
2 cards



Manufacturing
2 cards



Energy and Heat
1 card



Social Infrastructure
1 board, 1 card



Food
1 card



Transportation and Public Space
1 board, 3 cards



Water
1 card



Waste
1 card

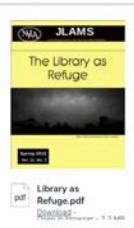


Implementation
1 card



Local Governance
3 cards

Education & Housing - Zehra, Matea & Jerrod
Energy & Heat - Browne Sebright
Food - Ana Fisyak
Local Governance: Emergency Mgmt - Simon Betsalel
Implementation: Green New Deal - Gita Nandan
Manufacturing - Eva H
Social Infrastructure & Libraries - Delaney Morris
Transportation & Public Space - David Burney
Water & Waste - Leonel Ponce



Public Space

Public Space
1 card

Problem Statement

Public space and social interaction

We are suddenly realizing the importance of human interaction, of our mutual dependency, and of the need for places for this to happen. Public places are the fundamental glue of neighborhood life. These places are capable of transcending differences in race, age and income if we plan them properly and manage and defend them well. As soon as we are allowed out again we should not forget this fact.

As we remained on 'lockdown' we have seen the importance of local neighborhood facilities that don't require travel. The benefits of urban density; the value of the concept of the "15-minute city".

Transportation

Transportation
1 card

Public Space and Transportation [David]

Problem Statement

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392 words

Manufacturing

Manufacturing
2 cards

I. Statement of goal

A huge drop in the Manufacturing sector has left both the United States and New York City dependent on global manufacturing businesses and on long-distance supply and distribution chains. During the COVID-19 crisis this situation resulted in serious problems when the US and NY City and State were unable to provide adequate numbers of masks, shields, tests, ventilators or other PPP equipment and found themselves competing to purchase needed products from other countries with existing manufacturing capacity. Unfortunately, this problem is expected to continue, and worsen, for example, with the development of a vaccine and the need for drugs, medical equipment and supplies.

If the City is to be prepared for future health, environmental and economic crisis, the Council

3205 words

Start typing...



Education and Housing - ZK+MK

Education and Housing - ZK+MK
2 cards

Housing+Education m-map-small.pdf

Download - Open in browser - 475 KB

Housing and Education zk+mk

The pandemic outbreak was a financial shock that rocked the foundations of an already burdened system causing increased housing insecurities, as well as strain on individual well-being. The pandemic has forced people to spend their days in spaces that are not designed to be occupied 24/7. The home has become a workplace and a classroom while the parents are tasked with both making rent payments, as well as facilitating their children's education. Amenity spaces, which were designed to alleviate the need of activity space within the unit, in some cases have been closed in the hopes of containing the virus spread.

The pandemic has revealed New York City's long time challenges in providing services with affordable housing and education being their

1511 words

COVID-19 & PRATT DISASTER RESILIENCE NETWORK

JOIN US FOR A PANEL
DISCUSSION WITH GCPE
FACULTY THIS FRIDAY, APRIL 17,
2020 FROM 6-7:30PM.

Panelists include:
Ann Gifford
David Burney
Dale Henderson
Juan Carlos Osorio
Eve Hoffmann

PLANNING BEYOND COVID-19

—
ZOOM DETAILS PROVIDED BELOW:
IN ADDITION, PLEASE SHARE YOUR
THOUGHTS BY FILLING OUT THIS SURVEY.
(<https://forms.gle/Fg73bKRARXV7zgE9>)

GCPE ALUMNI PANEL

Thank you for attending! —

PLANNING BEYOND COVID-19

—
MODERATED BY ROXANNE EARLEY
WITH GCPE ALUMNI:
Rajiv Kumar
Isil Akgul
Jackson Chabot
Sarah Serpas

FRIDAY, MAY 15TH
6:00 PM - 7:30 PM

pdrn

Jam Session 04
September 26, 2020
6pm - 7pm Est
*With the option to join until 7:40pm
has Zoom link below

Jam with Ennisolut



THE WASTE OF COVID-19 & OUR COMMUNITIES
Pratt Earth Action Week, Community Clean-up Edition

pdrn

Jam Session 01
May 27, 2020
6pm - 7pm Est

Jam with Kelli Peterson



HEALTH EQUITY & COVID-19

pdrn

Jam Session 02
June 17, 2020
6pm - 7pm Est

Jam with Gopi & Srinivas



IS DENSITY TO BLAME?
COVID-19 and Urban Environments

pdrn

Jam Session 03
August 19, 2020
6pm - 7pm* Est
*With the option to join until 7:40pm
has Zoom link below

Jam with pdrn



HURRICANES & COVID-19
A Look at the Intersections of Disasters

COMMUNITY ENGAGED WORK IN INTERLOCKING CRISES: RAMP-ING BACK UP



LESSONS LEARNED:

Community engagement and buy-in is key, but also understanding the root cause of an issue is immensely important. You never want to go into a community and assume what is needed or even what the cause is of the state of an area post disaster, because community perspectives might give you completely different reasoning.



Q & A

with Helen Harman and Sarah Varghese



THANK YOU!

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<https://www.linkedin.com/in/sarah-varghese-770bb7156/>

FIND OUT MORE:

PRATT DISASTER RESILIENCE NETWORK

https://www.instagram.com/pratt_drn/

LEADERS IN ENVIRONMENTAL ADVOCACY AT PRATT

<https://www.instagram.com/leap.prattinstitute/>

RAMP

<https://ramp-pratt.org/>

PRATT INSTITUTE SCHOOL OF ARCHITECTURE

IG: @prattsoa

PRATT INSTITUTE GRADUATE CENTER FOR PLANNING AND THE ENVIRONMENT

IG: @prattgcpe | @pratturbanplanning | @pratttpreservation | @pratt_ses |
@prattplacemaking

PRATT INSTITUTE UNDERGRADUATE ARCHITECTURE

IG: @pratt_ua