

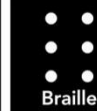
MOPD Disaster Resilience & Information Network



Quarterly Meeting: Jan 29th 2019
100 Gold St 2nd Floor, NY 09:00AM to 11:30PM



Large
Print



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Agenda

- Welcome: Eli Fresquez, MOPD
- 2019 NYC Hazard Mitigation Plan, NYCEM
- Winter Weather Preparedness, NYCEM
- NYPD Updates: Text to 9-1-1, VRI and Visor Cards
- 2018 Access & Functional Needs Symposium, NYCEM
- Open Discussion and Next Meeting

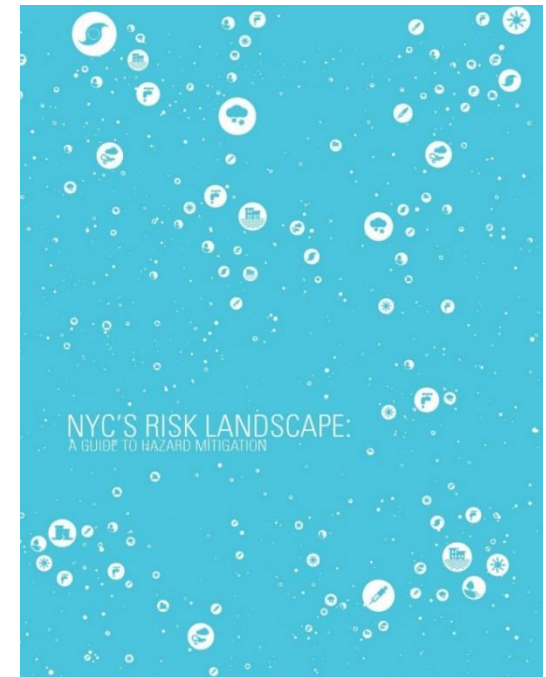
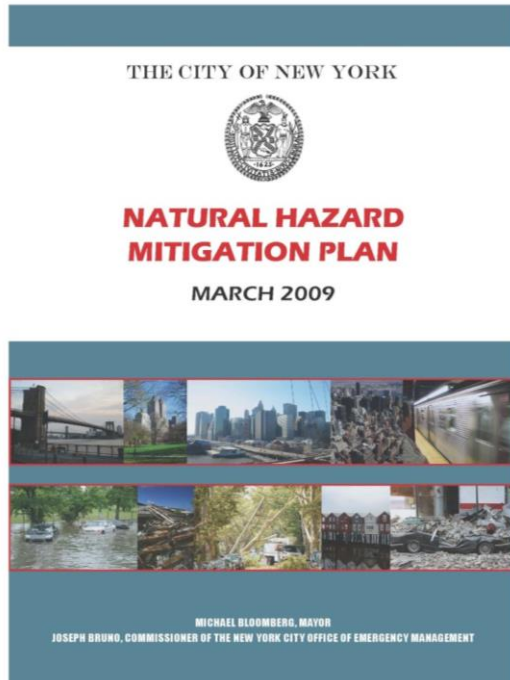
JANUARY 29, 2019

HAZARD MITIGATION PLAN: ASSESSING RISK AND MITIGATING IMPACTS

NYC Hazard Mitigation Plan (HMP)

Local and State jurisdictions must have a FEMA-approved mitigation plan to receive FEMA Hazard Mitigation funds.

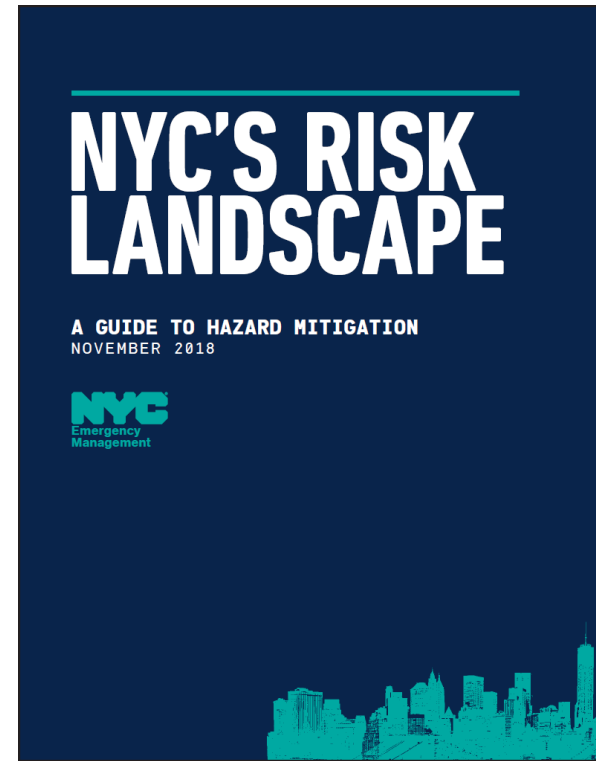
Eligible for FEMA Funds – approximately \$250M+ million HMGP is being pursued by NYC. Current plan expires on April 17, 2019.



New Approach: 2019 Hazard Mitigation Plan



Web-based Plan

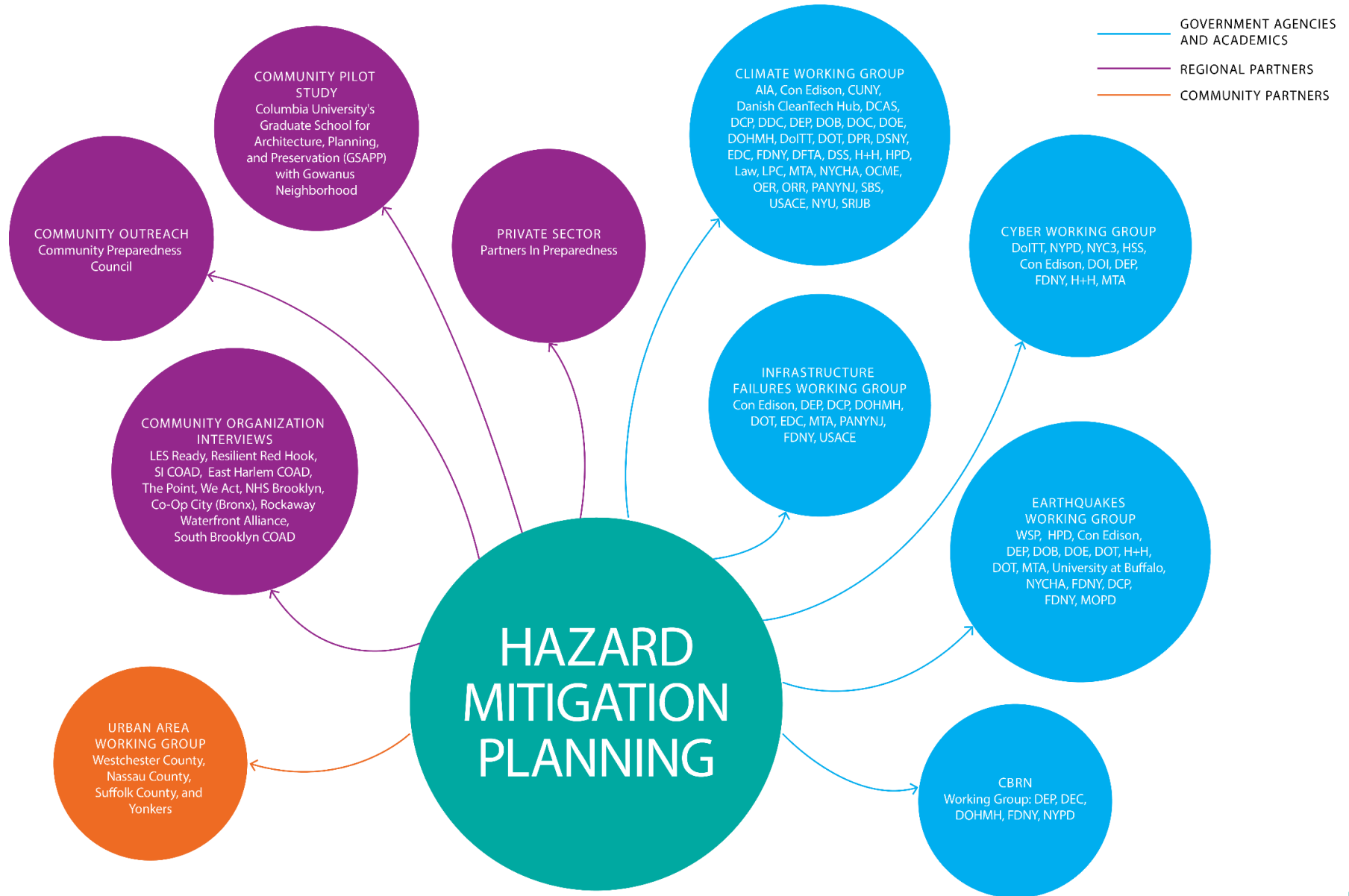


Risk Landscape 2.0

www.nychazardmitigation.com



Planning Process



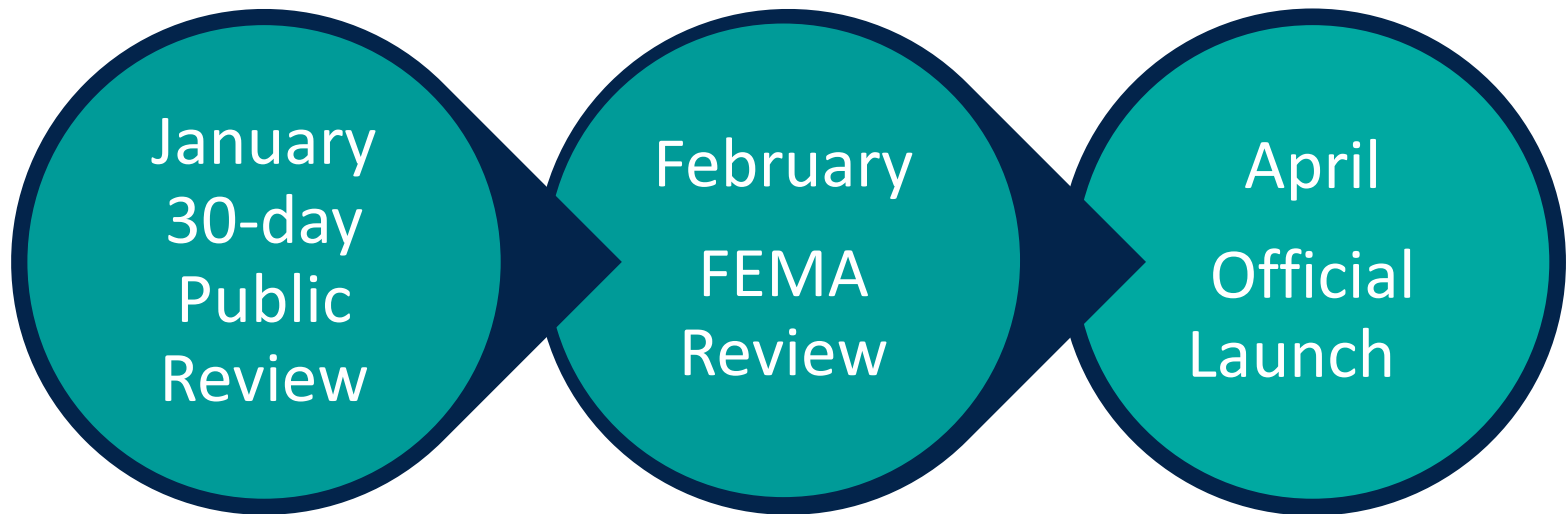
2019 NYC HAZARD MITIGATION

[ABOUT](#)[PLANNING](#)[HAZARD SPECIFIC](#)[ALL HAZARDS](#)[COMMUNITY](#)

Feedback
Form



Timeline



ANNEX 1 – WEBSITE OVERVIEW

2019 NYC HAZARD MITIGATION

[ABOUT](#)[PLANNING](#)[HAZARD SPECIFIC](#)[ALL HAZARDS](#)[COMMUNITY](#)[SEARCH](#)

Coastal Erosion



Coastal Storms



Earthquakes



Extreme Heat



Flooding



High Winds



Winter Weather



CBRN



Cyber Threats



Emerging Diseases
with Epidemic
Potential



Respiratory Virus with
Pandemic Potential



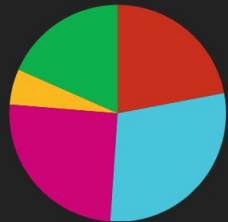
NYC Hazard Environment

Total Population with Disabilities

855,268

Last update: a minute ago

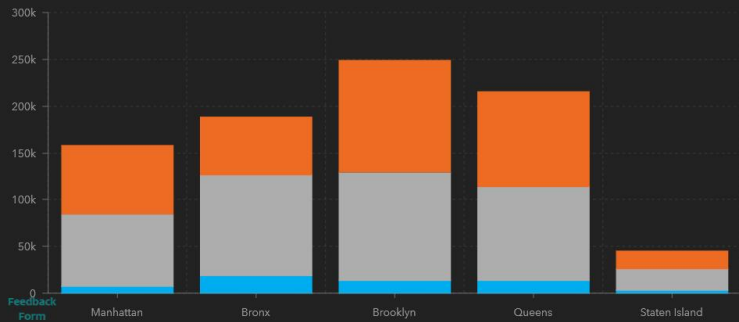
Population with Disabilities by Borough



● Bronx 22.01%
● Brooklyn 29.08%
● Queens 25.21%
● Staten Island 5.29%
● Manhattan 18.41%

Last update: a minute ago

New Yorkers with Disabilities by Age and Borough

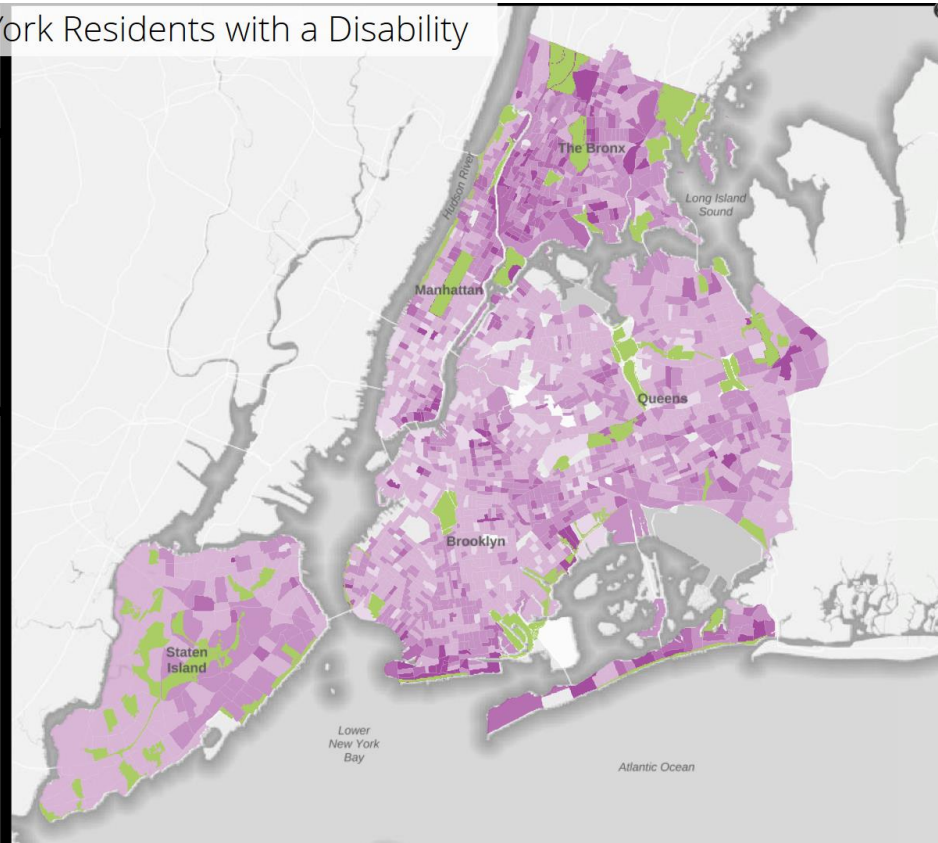


Feedback Form

● 18 and Under ● 18 to 64 ● 65 and Older

Last update: a minute ago

New York Residents with a Disability



Disability

Residents with a disability divided by Civilian noninstitutionalized population

■ More than 20%
■ 15 - 20%
■ 10 - 15%
■ 5 - 10%
■ Under 5%
■ 0%



NYC Hazard Environment – Climate Change



NYC Future Environment

New York City worked with the **New York City Panel on Climate Change (NPCC)** to develop a series of “future” flood maps to guide local resiliency and mitigation efforts. These forward-looking maps were created by using a simplified bathtub model approach that combined the NPCC’s “high end” sea-level-rise projections with FEMA’s Flood Insurance Rate Maps (FIRMs).

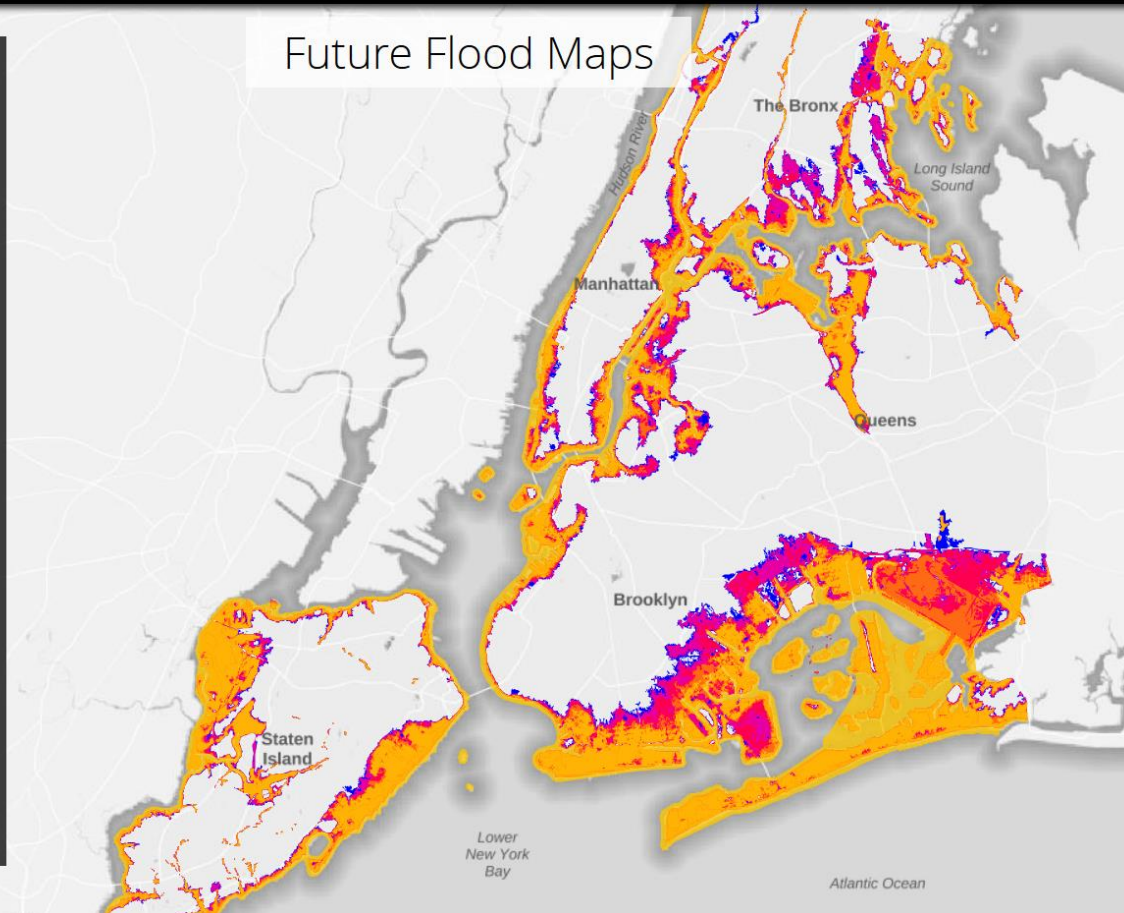
These future flood maps use high-end projections of sea level rise to illustrate **how the 1 percent annual chance floodplain could increase over the next several decades**. The accuracy of these flood projections is limited, because they were not developed with advanced coastal modeling. Although these maps are not suitable for evaluating individual-property risks, they are extremely useful for public education about the extent of future flood risks.

In 2016, FEMA announced that it would begin a new process to revise New York City’s flood maps, following the City’s appeal of the FEMA’s 2015 FIRMs. In addition, FEMA and New York City will work together to incorporate the growing risks of climate change and sea level rise in an innovative future flood hazard map product. More information on this process is contained in this report’s Flooding Hazard Profile. [\[INSERT HYPERLINK TO FLOODING HAZARD PROFILE\]](#)

In addition, you can find more information in the Department of City Planning’s [NYC Flood Hazard Mapper here](#).



Future Flood Maps



Hazard History & Consequences Tool Overview



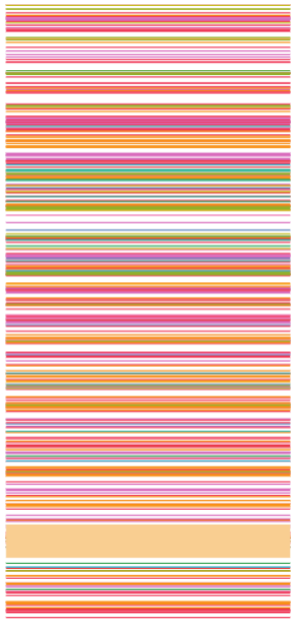
- Database of historic severe weather events and associated consequences
 - Archive of storm events from 1725-2018
 - 9 consequences
- Visualizing local risks within New York City
- Aids in risk assessment for City's Hazard Mitigation Plan
- Centralized repository of hazard information



Hazard History & Consequences Tool

Hazard Events

2018
2013
2008
2003



Search by Date

12/19/1737 12AM

12/26/2018 11AM



Search by Event Properties

Event Name...

Location

(All) ▼

Type

(All) ▼

Critical Issues

(All) ▼

Search by Consequences

Any ▼

Event Description

Hazard History Data

- 651 Historic Events
 - i.e. Coastal Storms, Blizzards, Extreme Heat/Cold Event, Heavy Rain Event
- Time Span: 1725-2018
- Search Events By:
 - Consequences
 - Location
 - Event Type



Hazard History & Consequences Tool

Coastal Storm Irene

Critical Issues	Coastal Flooding, Coastal Storm, Flash/Inland Flooding, Heavy Rain, High Winds, and Tornado
End Time	8/28/2011 11:30 AM
Max Rainfall Rate	0.97 in/hr
Max Wind Speed	38 mph
Max Temperature	77 deg F

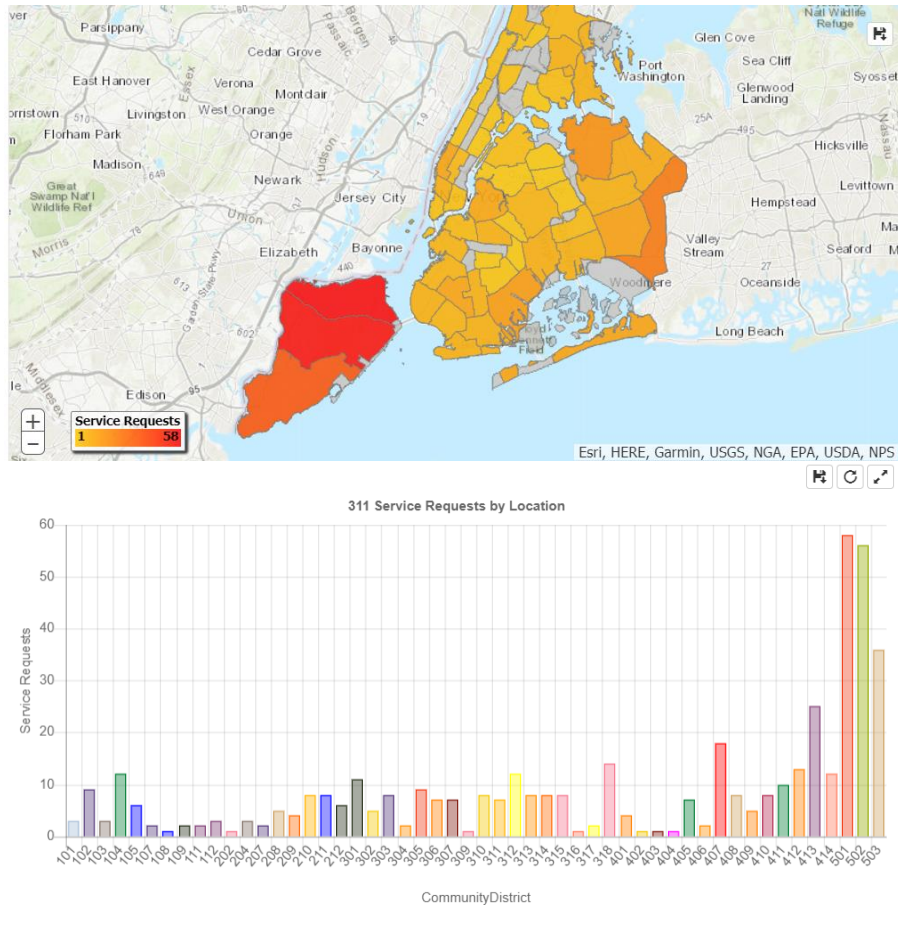


Weather Information

- 76 Weather Stations
- Borough to Borough Weather Metrics
 - i.e. Temperature, Rainfall, Snowfall
- Radar Imagery
- Event Narrative



Hazard History & Consequences Tool



311 Service Complaints (Example Above: 311 Service Complaints for a 5/5/17 Severe Weather Event)

Consequences

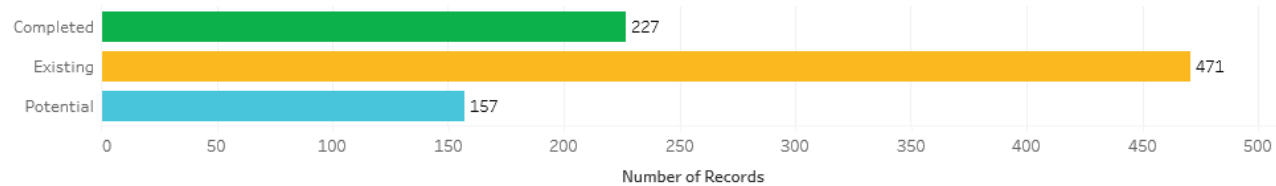
- *# of Inland Flooding Complaints*
- *Changes in School Attendance*
- *# of Weather Alerts/Messages sent out*
- *FEMA Assistance*
- *And more..*



Hazard Mitigation Progress

Total being spent on mitigation = \$28 Billion dollars (698 projects)

Total Projects in 2018



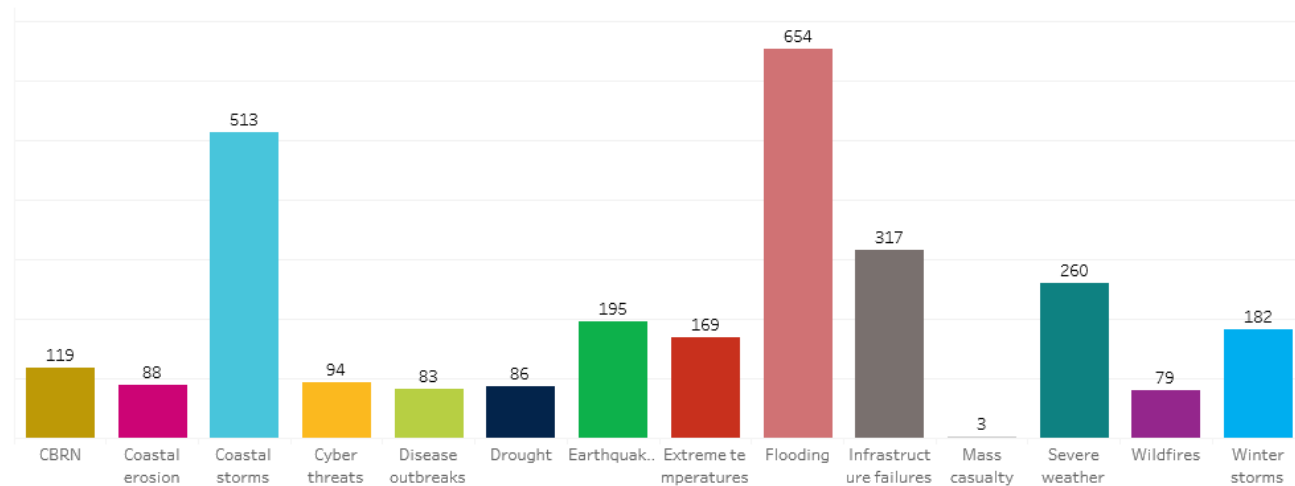
Completed Projects Since 2014



New Projects Since 2014 Plan

Completed	49
Existing	164
Potential	53

Projects by Hazard



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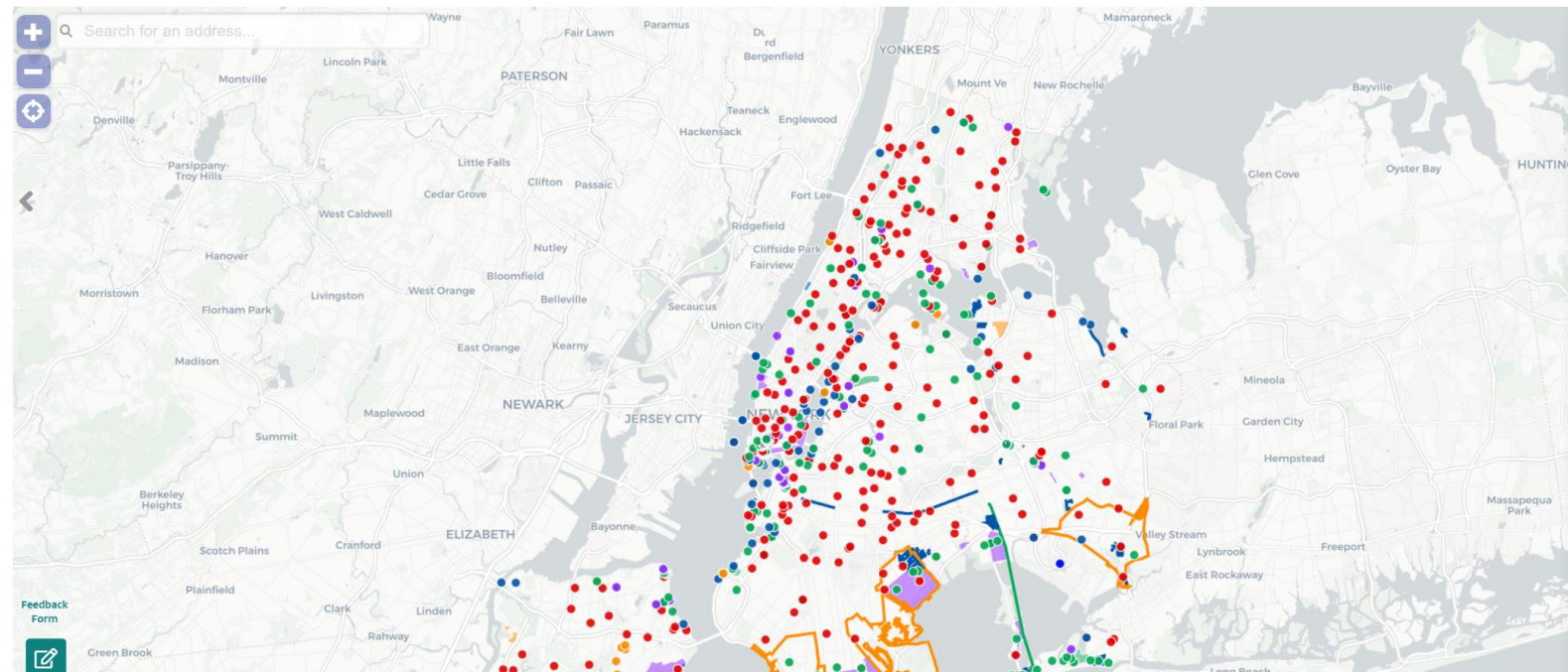
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2019 NYC HAZARD MITIGATION

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MITIGATION STRATEGY

[Mitigation Actions Progress](#)[Mitigation Actions Database](#)[Mitigation Actions Map](#)[Database Dictionary](#)[Capability Assessment](#)

MAP DISPLAY

☒ Mitigation Actions☐ Recovery & Resiliency Projects

HAZARD MITIGATION PLAN ACTIONS

VIEW PROGRAMS BY

☒ Mitigation Action Type☐ Schedule Phase

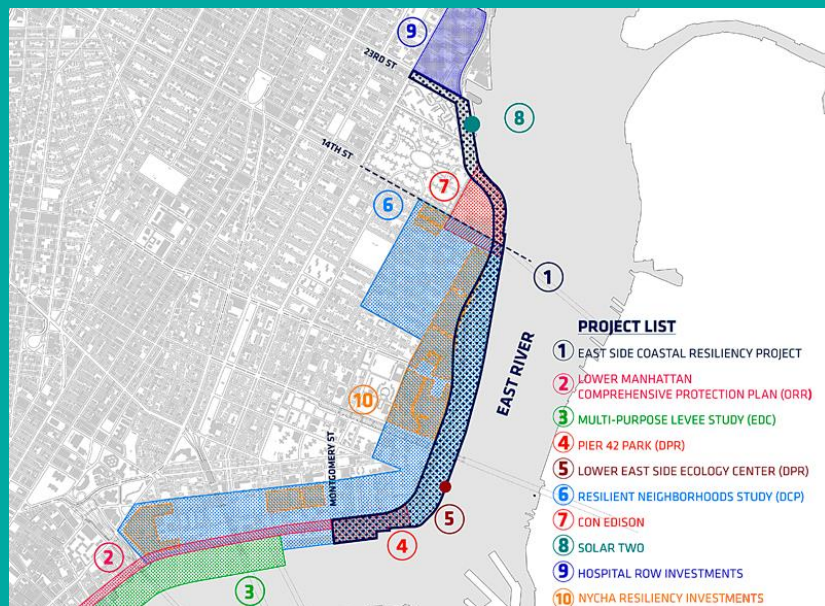
LEGEND

- Emergency Services
- Coastal/Natural Resources Protection
- Infrastructure Project
- Prevention and Policy
- Property Protections
- Public Education and Awareness



Mitigation Project Examples

East Side Coastal Resiliency



Install quick connects:

Install at 18 schools that serve as evacuation center facilities



Install coastal protective measures

in Red Hook, Brooklyn through an integrated flood protection system



Hazards, Impacts, Response



Winter Weather Impact

- Utility disruptions
- Transit disruptions
- Downed trees
- School closures
- Health risks
- Flooding



What Can Your Community Do During Winter Whether Emergencies?



Before Winter Storm or Extreme Cold Check on Your Neighbors



Before Winter Storm or Extreme Cold

Share Resources with Your Community

- How to submit heat and hot water complaints
- How to request emergency heating assistance
- How to register life sustaining equipment customers



During Winter Storm or Extreme Cold



Shelter In Place



Heed Travel Bans

Following a Winter Storm or Extreme Cold

Assess and Report Needs

- Call 311 to report dangerous conditions, downed trees, electricity or heat loss, or if you see someone in need of assistance.
- Check on your neighbors.
- Clear snow and dangling ice from roofs, sidewalks, curb cuts, and hydrants.



Know How to Get Information

Notify **NYC**

NYC
Advance Warning
System

PlowNYC

NYC SevereWeather

NYC Emergency
Management **COMMUNITY**
PREPAREDNESS



MOPD Winter Weather Resources

- Winter Weather Preparedness Tips
 - NYC Emergency Management
 - NYC Health Infographic
- Snow Removal Information
 - NYC Sanitation
- How to File a Complaint & Responsibilities
 - MOPD Snow Removal Fact Sheet
 - NYC Sanitation

NYC Snow Removal Fact Sheet

- When to Expect Clean Up
- Snow Removal for Property & Business Owners
 - Obligations
 - Timeframes
- Filing a Complaint
 - 311 and online



NYC Snow Removal Fact Sheet

- Property and Business owners must clear the snow as follows:
- If snow ends between 7 AM and before 5 AM – snow must be cleared within 4 hours
- If snow ends between 5 PM and before 9 PM – snow must be cleared within 14 hours
- If snow ends between 9 PM and before 7 AM – snow must be cleared by 11 AM



Visor Cards

- Sent to over 11,000 people who are registered with the DMV as deaf or hard of hearing
- Received a cover letter, instructions, and a laminated card
- Distributed at NYPD Resource Fairs
- Available on NYPD website
- All Radio Cars have a Visor Card available for use if necessary



THE POLICE COMMISSIONER
CITY OF NEW YORK

Dear New York City Driver,

We are writing to tell you about a new tool to make communication between you and the police easier. You are receiving this because you have a driver's license with a class F1 restriction. The NYPD collaborated with service providers and advocacy organizations to create the enclosed Visor Card for people who are deaf or hard of hearing. We believe the card will improve communication if the police stop you for a traffic violation.

We have enclosed a copy of the Visor Card and a set of instructions. The Visor Card should be attached to the driver's side sun visor. If the card is lost or damaged, you can download and print a copy from the NYPD's website: nyc.gov/nypd.

While no one wants to be pulled over, we hope you find the Visor Card and instructions a useful tool in the event that you are.

Sincerely,

James P. O'Neill
Police Commissioner

NYPD

NYC

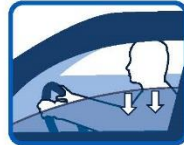
Mayor's Office for
People with Disabilities



LEXINGTON
SCHOOL & CENTER FOR THE DEAF



**IF THE POLICE STOP YOU,
FOLLOW THESE STEPS:**



NYPD



**IF THE POLICE
STOP YOU,
FOLLOW THESE STEPS:**

- Your Visor Card should be attached to the driver's side sun visor.
- Open your driver's side window. If it is dark, turn on your vehicle's dome light.
- Place both of your hands near the top of the steering wheel.
- When the officer is at your window, point to your Visor Card and remove it from the sun visor. Hand it to the officer.
- The officer can use the Visor Card to instruct you on what to do next. The pictures on the card can help both of you communicate better.

NYPD





I AM DEAF OR HARD OF HEARING

WHEN PULLED OVER, I COMMUNICATE
USING THESE METHODS:

- ☐ American Sign Language
- ☐ Pen and Paper
- ☐ Lip-read and use what hearing I have
- ☐ Verbal Communication
- ☐ Other _____

PLEASE HELP ME UNDERSTAND YOU:

- Don't shine your flashlight in my eyes
- Try to eliminate background noise
- Don't cover your mouth when speaking
- Don't shout
- Speak clearly and in a normal tone
- Face me when you speak
- Be sure there is light for me to see you

NYPD

WHEN PULLED OVER

REASONS FOR STOP:



DOCUMENTS:



Driver's License/
Photo ID



Registration/
Insurance or
Inspection

EMERGENCY:



NYPD

Video Relay Interpreter (VRI)

- Video Interpreter Service for ASL is now available on all NYPD cell phones
- Launched citywide last week
- Upcoming mandatory training for all NYPD Officers on VRI

NYC Emergency Management Community Preparedness



Community
Preparedness

communityprep@oem.nyc.gov

2018 DAFN Symposium



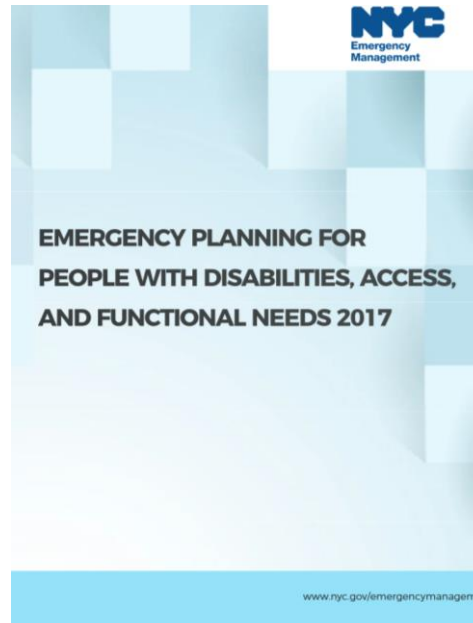
<https://www1.nyc.gov/site/em/ready/community-planning-disabilities-access-functional-needs.page>



Community
Preparedness

communityprep@oem.nyc.gov

2018 DAFN Symposium Report



<https://www1.nyc.gov/site/em/ready/community-planning-disabilities-access-functional-needs.page>



Community
Preparedness

communityprep@oem.nyc.gov

What's Your Plan: Ready New York



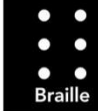
Community
Preparedness

<https://www.youtube.com/nycemergencymanagement>

communityprep@oem.nyc.gov



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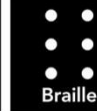


QUESTIONS & DISCUSSION

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Thank You

Eli Fresquez

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