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**NEXT STEPS:
INTERACTIVE SESSION:
How can we each lead a
Rainproof NYC
movement?**

What have you learned?

That NYC is really trying to make "dig once" approaches more of a thing.

There is more cooperation between traditional silos of NYC GOV THAN I WAS AWZRE OF. ALSO BTWN CITY AND COMMUNITIES. AND MIRE COMPREHENSIVE.

we gotta be more radical

The core of sustainability is maintainability.

Integrating natural solutions is more emphasized by DEP than I expected. From the outside perspective, it feels like human made solutions (eg flood walls and gates) are prioritized

To fund and support community-led projects.

How many people are already doing great work in this space

Canada uses portable mortgages

What have you learned?

I learned about the need for developing young people for green jobs related to rainproofnyc

There are progressive thinkers in the NYC DOT!!!

I have learned that this begins at the community level

Water can be a public asset

Many agencies and activists are working on climate resilience work but could be better at working together/joining efforts

How important lived experiences are when considered mitigation.

Loved how many people are interested in rainproof.

New Yorkers are still at high risk of losing their lives during a rainfall

What have you learned?

Partnership throughout the community is key.

The need for collective spaces to think collectively and connect each other

There are more people passionate about water & extreme water events then I realized.... I also got the resources

Plant green spaces

Im going to need to sell my home (hopefully in a buyout) and move out of my coastal community in a floodplain and infrastructure/sewage updates aint gonna happen

Funding and interagency coordination are some of the biggest challenges

The city needs to build better and more formal relationships with community groups around preparedness and mitigation of rain impacts.

No adequate maintenance for porous pavement

What have you learned?

We'll only move with the urgency we need together - across agencies and communities, public and private

We should be redefining maintenance as something that involves the community, something that promotes ownership and stewardship

It takes a village to do this work. The importance to include marginalized communities that have historically not part of climate and environmental justice work.

Use my projects to connect with various government agencies in ways they themselves don't

I learned more about people's frustrations with top down decision making

Solving the climate problems of today requires correcting behavior from the past.

creating jobs as a way to avoid green gentrification

A movement is much like rain on a windshield, where some drops incrementally trickle down and gain momentum over time. Other drops can be large, sudden and move fast gaining swift movements forward.

What have you learned?

Rain barrels. Totally inadequate stormwater capacity. Excellent DEP speech. Lack of awareness of problem in the press.

There are people who share similar goals on the ground and at the agency level but systems change is necessary in both systems (with a citywide emphasis on adopting systems thinking)

I learned about great programs for youth jobs training/creation in the city.

The Department of Transportation (DOT) is responsible for managing our streets, including addressing flooding issues, resurfacing roads when needed, and handling curbside elimination projects

To meet people where they are.

There's a palpable interest in using a new approach to address this issue, no matter what or how long it takes.

Balancing larger infrastructure/capital projects and smaller planning initiatives in agency work

Everything is more complicated than it may seem! & we need our leaders (mayor, governor) to allocate funding to our bold visions

What have you learned?

-importance for community buyin for City to be very transparent with flood project details, timelines, & funding sources/cost
-long-term sewer system studies & design are a key rainproof solution

There's lots of work to do and everyone can play a role in the solution.

This work comes from the bottom up but more data needs to be disseminated to communities

Collective approach to issues can bring transformative change. Implementation strategies are challenging and key in advancing these collective efforts.

I have learned a lot about the different responsibilities and challenges of government agencies involved in addressing these problems, their constraints and mandates, innovative things they are doing

I learnt how the different geographical/geological/hydrological realities of different communities can force (or inspire) us to create more innovative solutions, like the floodable basketball courts!

No discussion on rain infrastructure/resiliency in this NYC budget cycle!

30 billions dollars is required to address our infrastructure

What have you learned?

Interagency cooperation is required. Funding is needed - across the board!

There are so many people interested and focused on finding ways to support neighborhoods impacted by severe flooding.

People have very different expectations, experience, and perceptions of problems and needs

It was a shifting mindset for me to think about living with water instead of preventing it in spaces.

Transparency is crucial

Lots of opportunities for collaboration. This is an all-hands-on-deck operation in the broadest conceivable way.

Outreach is critical

sharing perspectives contributes to sharper priorities

What have you learned?

The new buyout program will consider relocation options for renters as well as homeowners

How to convey the buyout program to the community

There are a LOT of people working in this space and from many angles.

From Rit- That stormwater infrastructure is not discussed much in news or advocated for by city council

the importance of living with water and updating infrastructure

People want to do the hard work but aren't confident the policymakers will make good use of the willingness and energy they have.

Reframing Maintenance as Stewardship & setting up a central agency for maintenance & sharing stewardship across communities

I have learned that we need to be more holistic in our approach to stormwater management. We also need a single City agency that is responsible for O&M for green infrastructure and resilience projects

What have you learned?

I'm so inspired by the top down and bottom up recommendations by all the working girls my learning is that I want to be in the next Working Group!

Great that the city agencies are working together but there's a need for much more transparency

There are less romantic/less creative solutions that may be most efficient. & we need to solve the sewers problem

We have a lot of coalition building and community conversations to be had. There is hope though but it begins with us and acknowledging the real harms and ultimately opportunities

There is a movement building but still many not at the table.

So much good work together across public agencies and CBOs but still need more—an urban watershed approach could be the way to do more/better.

Asset mapping or community mapping! We need to connect to each other and we need to have more venues to meaningfully connect

Resident voices are paramount to instigate change and resident pushback is a reflection of the in-sync work that still needs to be done from agencies

What have you learned?

We have to find a way to all work together!

There's a deficit of media attention and advocacy for allocating resources in the NYC budget to flood-proofing compared to other initiatives.

We don't have enough money to fix our infrastructure to reduce flooding.

Don't make assumptions that you know what is right and you need to get community to decide what you want for them. There needs to be multi ethnic, intergenerational workforce

The combined approach with major capital projects and bringing in agencies to work together on climate resiliency is key. Can RFPs platforms capture this potential?

There is a greater need for interagency conversation including nonprofit partners

Renee Ruhl - Hope Program

The agencies are starting to listen to the communities but there is no accountability factor to ensure that the feedback is taken into consideration.

What have you learned?

I've learned about the vast numbers of families who will have to move, but who are marginalized communities already. How are we going to translate their experiences to the larger public, so NYC really

The data on the cause and effect related to climate change is available. Agencies and problem solvers need to work together to collate the data and stick to the findings when generating solutions.

Who did you meet? What do they do?

Alot of people lol

Faith based organizers,
looking forward to
collaborating

City planners in NJ too
(not just NYC)

Other people in their 20s and
30s trying to make a
difference in trios city's
resiliency

Paola, a perspective
super steward and trail
maintainer!

I met someone from a new
nonprofit, NYC climate
exchange, who's working on
scoping out what their role can
be in making nyc more rainproof
:-)

Robbin safety training
company

DEP Staff — water
resiliency

Who did you meet? What do they do?

Wonderful people,
including you!

I met Annie, she works for
Neighborhood restore

I met my fellow student
volunteers at Rebuild by
Design / Rainproof NYC,
Mylene and Maddie!

DEP, DOT and Hudson
River Foundation.

Data Analysts! Larger
regional water systems
thinking!

Vanessa, Hazel and
Allyson from Brooklyn. NY.

Kellie- works at the
Brooklyn bridge park
conservancy!

Several people I've met
over e-mail, but never in
person!

Who did you meet? What do they do?

I met folks who work in community engagement.

Effective community organizers that know their neighborhood Lizzie at NYCHA

Tonya Gayle at Green City Force

Tonya Gayle, the Executive Director of Green City Force (GCF) who is AMAZING! Tonya is passionate about providing young people with viable paths to create and lead a just and equitable world.

Wide range of experts on health, design, utilities, emergency management, environmental protection

Other professors working in NYC on these topics

I met up Clare Miflin, who brought up adding compost to the DEP rain garden program as a potential angle for improving NYC's green infrastructure.

Matthew and Karl, they work on climate change resilience and were together on a panel long time ago.

Who did you meet? What do they do?

Bo from DOH!

Tara, they work at a landscape architecture firm called Starr Whitehouse. They mentioned how greenspaces can reduce gentrification by creating jobs for the community.

Organizers working to create environmental justice infrastructure

Lindsay Luchinsky, Data Scientist at Pathways Climate Institute

The community organizers are fantastic links to the communities. Communities know their problems best. We met private sector investors that are passionate and interested in solving for rainproofing to

I met Brooklyn Level Up and look to connect east Flatbush to community preparedness. Also The City Sponge.

I met the both the Wotan being done with Faith based organizations and the work being done in South Brooklyn, Coney Island

I met many great individuals from diff city departments... someone who works w Earthships & someone who is in stormwater mitigation.

Who did you meet? What do they do?

Abby - who is interested in viewing the Jewel Sts. - she works with the Queens Memory Project

Many city agency staff members and community organizations that are doing work in different ways with the same goals

Kellie from Brooklyn Bridge Park Conservancy
Geographer and Geographic Information Systems
Extraordinaire

Eric Sanderson from NYBG! Historical ecology!

Faith DIS; Parks Rep
Marit, professor at Pace

I met Tim who is working on block level flood resiliency with an organization that began just adjusting floods in backyards

Consultants working on cloudburst

Desiree Thomas, Rona Taylor, Anthony Coker, Daniel Lichtmore / FEMA, Clyde Drayton

Who did you meet? What do they do?

DOT's, Paul Mercurio

Eric Sanderson for educating us on the historic ecology of water and New York

Rifal from RBD!!

Someone who has participated in my Green Infrastructure Bus Tour.

Helen Chanie from MOCEJ

Robbin she has a Safety business. Pilar she is the executive director of CUUP.

I met engineers who work in green infrastructure

Miyien Zen from MTA to make her aware of all the pre-Sandy work that had been done to assess MTA's climate vulnerability.

Who did you meet? What do they do?

Jill Cornell from NYCCEM
Community Engagement
Specialist

Tonya Gayle- didn't meet her
but listened to her but will
definitely follow up to make
some connections

What is the one action you will do next?

Think about ways to support next steps!

Educate my family members on things I have learned

Email a lot of people and read a lot of reports

Go on a walk though a park and observe

Read the working group recommendations posted on the website

Resume advocacy on water rate restructuring and creating more incentives for GI on private properties.

Working on health department risk communication

sharing ideas with my team

What is the one action you will do next?

Mindset shift in work, as well as thinking critically about recommendations suggested.

Talk to more people

Implement the Rainproof NYC recommendations!

Share info with my block assoc members

Research replacement of combined sewer system

Rain barrels.

Pursue certifications to better prepare me for new job opportunities in this field

vote

What is the one action you will do next?

Talk to my team about how we can align our resources, capacity, and relationship to support the recommendations we heard today.

Voting!

Reach out to sister agencies and continue the conversations we've had today

actually connect with the people i met today! not in a icky networking way but in a genuinely connecting brainstorming collective creativity way!

Come to every Rainproof NYC Symposium!

Clean out my catch basin

Process all of my meetings notes and share with colleagues.

Vote!!! Today!!!

What is the one action you will do next?

talking to the rest of the staff in my office about what I learned today and what next steps could be

Tell my colleagues about these recommendations

Continue to educate the community on the cloudburst program - stay connected with Rainproof

Start exploring how we can integrate street tree care with rain gardens because they both provide similar benefits and require similar maintenance

Email the people I met to build more community partnerships and research the things I learned about for the first time today

Knowing my local hydrology - going out in the rain and seeing where water goes, studying maps suggested by speakers and panelists

Connect some of my students directly with connections made/remade here based on their research interests.

I will follow up with the people I met and further research their websites. I will also integrate some of this knowledge into my curriculums.

What is the one action you will do next?

Outreach outreach outreach.
I will plan to help my
community become aware of
resources.

Bring infrastructure into
the conversation

Advocacy,..a moratorium for
not continuing building on
flooding prone zones

Ensuing the engineering and
design solutions solutions
meet community needs

Take the message and
resources back to my
community and its partners.

Speak more frankly to my
neighbors

Get NYS and NYC work
together

I will ask my director if we can
add extreme rainfall to our
communication training
module.

What is the one action you will do next?

look into CERT training

Start making connections with new people for synergy

Continue to develop capital projects that work toward a more vibrant and resilient city

Talk about flooding issues with my teenage son to get him interested and motivated.

Share the recommendations (and other Rebuild by Design research) with my climate activist friends

Seek more ways to empower local leaders/organizations

Everything I can

I want to continue figuring out how to connect community composting to green infrastructure recommendations and guidelines

What is the one action you will do next?

telling my friends working in other city agencies or non profits across the city about these initiatives, and sharing what i learned today

Connect colleagues to RainProof partners and resources to integrate into our projects!

Meeting with new contacts and figuring out ways to collaborate and support

Contact other concerned people in my community

Take what I have learned back to my team and organization. Being to mobilize our work for the city's work on rainproof

Keep telling my peers that NYC is a wet / rainy city and that we all have a part to play!

Presenting my project clearly in context of Living With water

Talk about how to help support the affordable housing that needs to be built and built back better!

What is the one action you will do next?

manage stormwater runoff and protect neighborhoods from flooding

Make a toolkit to help communities understand these issues

Have the hard conversations

I am going to bring this information back to my job and talk to my coworkers about how we can support these goals and connect with the community organizations represented here

Not lose hope maybe?

Find a way to train young people in low income and disadvantaged communities to get into the industry.

Taking some of these examples and reach out to more project leaders for research project

COLLABORATE

What is the one action you will do next?

Educate public school students

Support someone new to be the next nyc mayor

Speak with the Community Board and the Councilmember office to have representation at these meetings.

Work on concept of equity and infrastructure maintenance

Continue to organize my community

. Ensure that the people around me understand the extent of the climate problems ahead of us. But also give them hope by sharing my experiences of working with people already tackling these issues.

I'm going to connect with Paul from DOT to discuss curb heights

Make Beer with Rain



What is your long term commitment to this issue?

INSTRUCTIONS: On a Raindrop, write a pledge of what you can do to help NYC move towards Rainproof. Sign off with your name and stick on the Rainproof NYC banner.