



# AIA New York

## Design for Risk and Reconstruction Committee

**DfRR 9/8/21 Wednesday**

**6:30-8:00p**

Virtual Meeting Via Ring Central

### Attendees:

- Gretchen Bank
- Donna Walcavage
- Yutaka Takiura
- Ann Goodman
- Michael Woods
- Breanna Gribble
- Angie Winston, PM w/Dattner Architects
- Titus Ajayi, designer, pursuing licensing

Join from PC, Mac, Linux, iOS or Android: <https://meetings.ringcentral.com/j/1481611538>

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Meeting ID: 148 161 1538

International numbers available: <https://meetings.ringcentral.com/teleconference>

Co-chairs: Gretchen Bank, Associate AIA and Donna Walcavage, FASLA

Recording Secretary: Jack Suben, AIA

### Minutes

1. Introductions / any new members / sign-in
2. Updates:
  - A. COVID-19: AIANY Unified Task Force - Illya
    - a. Damu, Gita and Joe Corbin have been active and did a site walk through
    - b. Update meeting was cancelled yesterday
    - c. AIANY Presentation today "Learning from Covid Cities"
      1. Design Corps
      2. Open Streets
  - B. 2021-22 Program Ideas (Gretchen and Donna put together this list, to be refined); pick out your top 3 and email to Donna and Gretchen (email addresses are listed on the website)
    1. Need to furnish to AIA by Thanksgiving for next year's events
    2. AIA is restricting event space to Tafel and 532 LaGuardia extension
    3. Cross-over collaboration, universally applicable to new programs
    4. Consider other committees that would be a good fit for joint sponsorship
  - a. NPCC – alignment with DfRR work
  - b. COVID response - lessons learned related to the early phases of COVID response and other emergencies, and what we would do differently
  - c. Hurricane Ida: New Orleans: What worked, what didn't; NYC: making the city permeable
    1. Dealing with rainwater; no one to maintain
  - d. Food insecurity, urban farms, and climate change
  - e. Legal and ethical responsibilities related to new developments in at-risk areas
  - f. Climate change/saltwater infiltration as a factor in building safety
  - g. Climate change and an aging population – physical and economic risks
  - h. Extreme heat – following up on DfRR's previous initiative and fitting challenges related to COVID under this umbrella (cooling centers, forest fires)
  - i. Financial perspectives on strategic relocation
  - j. The 15-minute city
  - k. Environmental justice
  - l. Breanna: Relationship between resilience and sustainability; will send paper (Donna recommended that we open the next meeting with this topic)
3. DfRR 10th Anniversary Program: Where we've been, where we're going
  - A. Status report on format, dates (early December), 10-week social media campaign, etc.

- B. Call for contributions to list of possible speakers
- C. This will be the only event remaining for 2021
- D. Where we've been, where we are and where we're going
- E. Honoring Lance and Illya
- 4. DfRR Materials and Resources
  - A. Presentations at DfRR meetings
  - B. Updates on social media outreach (Michael and Breanna)
    - a. Jeremiah has been updating content
    - b. Ideas welcome
    - c. Setting up information about DfRR 10th Anniversary program
      - 1. Counting down the years; biggest events we've done in the last 10 years
      - 2. Having participants from events write short essays (500-700 words)
      - 3. Short video clips
      - 4. What are the ten biggest programs we've had?
        - A. Extreme Heat
        - B. Managed Retreat
        - C. Waterfront
      - 5. Co-sponsorships
      - 6. Many were posted on Vimeo
      - 7. Lots of this material is available on our website
    - d. Getting the optimal hashtags for our subject matter
  - C. DfRR website – Michael Woods, Jeremiah Reilly, Breanna Gribble
- 5. Miscellaneous
  - A. Center is open 10/1; set up to do hybrid events
  - B. DfRR is planning an in-person event, possibly at the next meeting
  - C. Peter Coombs recommended: On 9/23, Harvard Graduate School of Design [www.gsdimapact.com](http://www.gsdimapact.com) [Gretchen will send]
  - D. Yutaka: Might present what he's up to, or possibly colleagues
  - E. Going forward we'll try to get agenda and minutes out earlier, giving committee members an opportunity to think about their ideas
    - a. Jack will send Gretchen the full correspondence list
- 6. Good and Welfare
  - A. Jack reported that his house and neighborhood survived Ida quite well
  - B. Gretchen vacationed in Block Island and survived storm Henri
  - C. Breanna wrote an article for Construction Magazine; will be out next week; experiencing Covid through the perspective of resiliency
    - a. Article in Structural Magazine called "Adapt and Transform: COVID-19 lessons for a more resilient future" October issue
  - D. Yutaka was invited to a panel discussion organized by a former student who moved back to her home in Trinidad; working as a climate consultant; also takes underwater nature photos; "Can we design resilience?"; each region has its own tradition of disasters; will invite her to a future meeting
- 7. Adjourn
  - A. 7:40p

2021 Committee Meetings (2nd Wednesday of each month)  
 Oct 13, Nov 10, Dec 8

Respectfully submitted,



Jack Michael Suben, AIA

Attachments:

- None

**From Breanna:**

New York State Stormwater Management Design Manual (2013)

1.5" in 24-hours is the 90th percentile event  
One-year design storm 24-hours design rainfall = 2.9"  
Ten-year design storm 24-hours design rainfall = 5.5"  
100-year design storm 24-hours design rainfall = 9"

Ida Rainfall stats

7.49" midtown Manhattan (no Sandy defenses)  
7.19" Central Park (no Sandy defenses)  
4.56" Battery Park (yes Sandy defenses)  
Rainfall rate maximum approximately 3.15" per hour

Stormwater design is based on a 24-hour window. So, 9" in 24-hours equals 0.375"/hour. Some local areas had 8.4X that value. System design is based on the rate and the total volume.

<https://www.stockholmresilience.org/research/research-videos/2018-09-17-resilience-thinking.html>  
<https://www.gsdimpact.com/>