

EXHIBIT 3.3 | American Institute of Architects/New York City Chapter (AIANY) Design for Risk & Reconstruction Committee (DfRR)



CHALLENGE

In 2011, there were no organizations or initiatives that recognized the importance of architects in the developing field of mitigation planning, resilience, and disaster recovery. Illya co-founded a new committee that explores and addresses the potential for the design community to mitigate and adapt to disasters through the built environment.



He was a critical leader following hurricane Sandy acting swiftly in coordination with a range of experts pulling the committee together to advise the design community, city agencies and citizens of New York, on how to resiliently reconstruct various scales of projects in the region. It's a testament to Illya's leadership and collaboration, bridging out to deal with a range of resiliency challenges locally and beyond.

- Benjamin Prosky, Associate AIA,
Executive Director, AIA New York

DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included project under direction of nominee.

Gretchen Bank, Associate AIA
Co-Chair, DfRR
Part of Unified Task Force Leadership Structure

ROLE

Illya founded DfRR in May 2011 and remains a very effective Co-chair. The Committee harnesses the design community's expertise to address disaster mitigation and adaptation in situations caused by major events that threaten people in the built environment, such as major storms, extreme heat, climate change, sea-level rise, terrorist attacks, etc. The committee fosters awareness within the profession and the public of the necessity of anticipating risk at multiple scales, from a single building to comprehensive regional planning.

Goals

- To continue to align DfRR's mission and programming with its original mandate
- To coordinate future programming with AIA National's **Where We Stand: Climate Action** plan
- To become the go-to place for bringing together leaders and institutions working on resilience, adaptation planning, and climate change

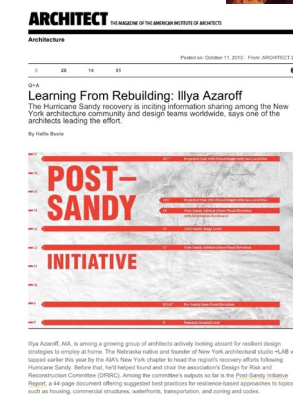
After Superstorm Sandy in October 2012, the federal Regional Catastrophic Planning Team (RCPT) posted Illya to the New York City Office of Emergency Management (OEM). He brought in AIANY and was asked directly by the City of New York to initiate "what's next in response." As DfRR co-chair, he initiated the Post-Sandy Initiative that informed policy for the City of New York. A collaboration among a wide range of professional organizations and concerned individuals, the Post-Sandy Initiative focused on areas key to resilience, including transportation and infrastructure, housing, critical and commercial buildings, and codes, zoning, and waterfront issues.

More than 150 professionals gave their time to explore important issues about the emergency planning

for and response to Sandy, both in terms of short-term recovery efforts and long-term resilience. Their contributions are the basis of the Post-Sandy Initiative: Building Better, Building Smarter: Opportunities for Design and Development, released May 1, 2013 with a corresponding exhibit. The effort informed several recommendations, guidelines, and reports for the city and region including NYC's Retrofitting Buildings for Flood Risk and Mayor Bloomberg's PlaNYC: A Greener Greater New York.

Instituted recommendations included permitting handicapped lifts in flood zones; ensuring that wet floodproofed buildings had emergency exits at the first floor above flood elevation; allowing block-wide or neighborhood-wide floodproofing as an alternative to floodproofing individual buildings; and dry floodproofing of non-residential lobbies.

↓ Post-Sandy Initiative workshops with 150+ participants



↑ Post-Sandy Initiative publication 2013, awarded AIA National Collaborative Achievement Award

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Illya has played a central role in many of the critical initiatives undertaken in the New York region in response to Hurricane Sandy. He has been able to do this because of his years of teaching, research, and practice that prepared him for the post-Sandy challenges.”

- Lance Brown, FAIA, 2015 AIA New York Chapter President, DfRR co-Founder

↓ NYCHA Housing of the Future Workshop



↑ One of the many charrettes organized around affordable housing and resilient communities

OUTCOMES

DfRR has hosted nearly 100 events, lectures, workshops, and symposia along with FEMA-supported Hurriplan and CalOES (SAP) Safety Assessment Program training.

The committee has published several key documents such as *Extreme Heat Hot Cities: Adapting to a Hotter World* (2016), and the Post-Sandy Initiative’s report *Building Better, Building Smarter: Opportunities for Design and Development* (May 2013) that is cited around the United States as one of the very first documents of its kind. Many AIA components have patterned their own resilience committees after DfRR such as AIA Honolulu.

Past Achievements (a selection in reverse chronological order).

- *Not Going Back to the Way It Was: Climate Change and COVID-19*, 6/23/20
- *Measure for Measure: A Discussion of Resilience Plans for the Tri-State Region*, 1/21/20
- SAP training, 5/30/20
- *Climate Change and Health through the Lens of the Built Environment*, 7/17/19
- *Envisioning a Resilient Future for New York’s Public Housing with NYCHA*. Two workshops, December and April 2019



↑ Nearly 100 panel discussions and workshops convening experts from a full spectrum of stakeholders, recorded on video for broad education and distribution

- *Funding the Future: Resilience Planning Across Public and Private Sectors*. Two-part series in collaboration with National Parks Conservation Association (NPCA), June and November 2018
- *Everything Water 1.0 – 4.0*. Four-part series, February, April, September, October 2017. The 10/21/17 event was a full-day symposium.
- *Stand-up! How to Volunteer after Disasters*, full-day symposium 9/10/16
- *Extreme Heat: Hot Cities Adapting to a Hotter World*. Symposium and report, 11/12/15
- AIA National, 2015 Component Excellence Award for the AIA Regional Recovery Working Group
- *Post-Sandy Initiative: Building Better, Building Smarter: Opportunities for Design and Development*, May 2013. This report has become the basis of some of updated NYC building codes and planning strategies.

Ongoing Programs

DfRR

- Strategic Relocation and Retreat. Four-part series late 2020-early 2021

