

EXHIBIT 3.8 | Responding, Preparing, and Training for Climate Impacts: AIA Certification National Resilience Courses, National Training Expert and Responder



CHALLENGE

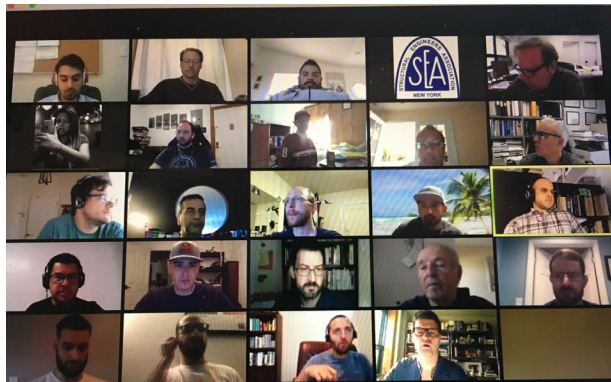
Communities across the United States have been on a steep learning curve to understand and address the impacts of climate change along with being proactive in preparing for the near-term shocks and long-term consequences facing them. Preparing communities through training - of agency officials, architects, and engineers - to design better buildings capable of withstanding shocks while building resilient capacity is an enormous challenge. Post-disaster training, focused on going into the field to evaluate and assess damage following disasters and weather-related disturbances, presents an additional set of challenges.

As there is currently no “Good Samaritan” legislation in New York State that protects volunteer professionals, that adds another layer of complexity. A broader challenge is educating the AEC industry about designing resilient buildings that can withstand the challenges of climate change and associated extreme weather events, such as hurricanes, tornadoes, windstorms, fires, and earthquakes.

↓ Hurriplan training for Enterprise Community Partners and New York City stakeholder agencies



↓ SAP training for SEAoNY Engineering Society online



↓ Hurriplan Training, Saipan/Guam



ROLE

As a Citizen Architect Illya recognized that there were various gaps in getting essential certifications and knowledges to qualified professionals and leaders. He became a certified instructor for the California Governor’s Office of Emergency Services (Cal OES) Safety Assessment Program (SAP) and as AIA New York State’s Disaster Coordinator, he launched AIA National’s Safety Assessment Program (SAP) Training in New York State after Superstorm Sandy in October 2012. He also sought out training and became certified with the National Disaster Preparedness Training Center (NDPTC) for FEMA-approved courses, including the HURRIPLAN Resilient Building Design for Coastal Communities set of training courses aimed at training a full spectrum of community stakeholders and design professionals in climate-ready building practices. Through this work, he has been responsible for elevating the consciousness and spreading essential knowledge and skill sets to communities across the United States and its territories.

↓ SAP training, New York



↑ Training of the trainers led by Michael Lingerfelt, FAIA, NJ-NY organized by Azaroff to expand trainers across the region

DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee’s responsibility for the exhibit listed above. That responsibility included leading efforts toward a common collaborative goal.

Timothy G. Boyland,
Tim Boyland, AIA
AIA New York State Disaster Co-Coordinator and Trainer

Digitally signed by Timothy G. Boyland, AIA
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Illya Azaroff is gift to New York City and to the field of architecture. So many are constrained by definitions but a crisis hits and Illya just trains up, gains expertise and then what he does is true heroism — he shares his new knowledge with others so they can do whathe does. He is adaptation personified.“

- Claire Weisz, FAIA
W X Y Architecture + Urban Design



↑ Hurriplan Training, Center for Architecture, NY



↑ Azaroff responding to post-Sandy disaster, field operations on Thanksgiving Day, Rockaway, NY, 2012

→ Hurriplan Training for RAMP and Pratt Institute

OUTCOME

Local

Illya connected AIA New York State with the New York Department of State (DOS), forming an agreement to allow architects and engineers to volunteer after disasters as part of New York State’s Code Enforcement Disaster Assistance Response (CEDAR) program within the DOS. To date, Illya has himself trained 588 professionals through this program, achieving one of the goals of the AIA Code of Ethics, which states that AIA members should volunteer after disasters. As stated earlier, New York State has no “Good Samaritan” law and the AIA has long sought an avenue to respond after disasters. Through Illya’s direct action the AIA has achieved this milestone.

National

Through the HURRIPLAN Resilient Building Design for Coastal Communities program, Illya has trained more than 860 people throughout the U.S. and its territories. He is one of the few instructors who brought these federally funded courses to communities across the country, delivering workshops and coursework to participants including licensed design professionals, community leaders, public officials, and emergency management experts. Illya also presented community resilience courses and HURRIPLAN training at five national AIA conferences as part of pre-conference workshops, has three courses available on AIAU,



and played a key role in advancing AIA resilience certification courses.

Managed by CalOES, the SAP program certifies AEC professionals as building evaluators. Illya has led SAP training courses for almost 1,000 people in New York State and numerous other locations.

Currently, Illya is collaborating with the New York City Mayor’s Office of Resiliency (MOR) on new flood maps and the COVID-19 rapid response team. He is also working with the U.S. Department of Housing and Urban Development (HUD) on writing new national standards for resilient buildings aimed at truly building back better with team of multi-sector experts. The U.S. Department of State has recognized Illya as a leading expert in the field of resilience and adaptation, including him in meeting delegations from India, Bangladesh, and China.

International

Walking the walk. As a trained second responder, Illya has deployed to disasters around the world, including post-Tohoku Japan, Puerto Rico, the U.S. Virgin Islands, and Dominica. He has coordinated disaster relief in Nepal, Colombia, Costa Rica, Haiti, The Philippines, the Bahamas, and several countries in West Africa.

↓ SAP training shifted online during CoVID-19

Safety Assessment Program
SAP
Training Course

Online Training
AIA New York State
Friday / Saturday, September 11 / 12, 9 am-12:30 pm
Friday / Saturday, October 3 / 4, 9 am-12:30 pm
Friday / Saturday, October 23 / 24, 9 am-12:30 pm

#resilience #dfr #safety #disaster