

Heat Waves: Preparing for and Managing the Effects of Extreme Heat on Population Health, Emergency Housing, and Hospitals

AIA CES: 1.5 LU | 1.5 HSW

When: 6:00 PM - 8:00 PM Tuesday, April 26, 2016

Where: The Center for Architecture
536 LaGuardia Place, New York, NY 10012
(212) 683-0023

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What do architects, landscape architects, engineers, and health care planners need to know to help our region handle future unavoidable heat waves?

In an ongoing discussion about the long-term effects of extreme heat on New York, which has just experienced two of hottest years on record – the AIANY Design for Risk and Reconstruction and Health Facilities Committees and the New York Society for Health Planning (NYSHP) ask: Who has the information and answers we need?

This program will look at the planning and design of relief, recovery, and retrofitting in the face of uninterrupted heat waves. Keynote speaker Sabrina McCormick, a professor and videographer, will discuss the sociological and medical effects of extreme heat on population health. Other speakers will address redesign of cities, buildings, and open spaces; cooling centers and other disaster shelter in NYC; HVAC systems design for healthcare facilities; and related population health management.

The program coincides with the release of the print and online report of “Extreme Heat: Hot Cities” symposium, a day-long event last November led by DfRR that focused on mitigation and adaptation. Speakers from multiple city agencies (Health, Planning, and Emergency Management) as well as architects, planners, landscape architects, and materials and systems manufacturers tackled the issue.

“Extreme summer heat kills on average over 100 New Yorkers annually from heat stroke and the heat-related exacerbation of chronic health problems,” stated Dan Zarrilli, Senior Director for Climate Policy and Programs in the NYC Mayor’s Office. Hundreds more need hospital or emergency-room care for serious heat-related illness – numbers that quickly rise, especially for vulnerable residents without adequate cooling or care options. It is an issue that impacts power, water, telecommunications, and food access, ultimately affecting us all.

Greeting and Moderator: **Ilyia Azaroff, AIA**, Principal, +LAB Architects PLLC; Assoc. Professor, New York City College of Technology; *Founding Co-Chair*, AIANY DfRR

Presentation of “Extreme Heat: Hot Cities” Symposium Report: **Joan Capelin, Hon. AIA**, Fellow PRSA, *Principal*, Capelin Communications, Inc.; *Co-Chair*, AIANY DfRR

Speakers:

Sabrina McCormick, PhD, *Assoc. Professor*, Milken Institute School of Public Health, George Washington University; *Senior Fellow*, Wharton Risk and Decision Center, University of Pennsylvania

Cynthia Barton, *Housing and Recovery Program Manager*, Human Services Unit, NYC Emergency Management

Pippa Bashear, MLA, MUP, *Director of Planning and Resilience*, SCAPE / Landscape Architecture

Christopher McHugh, PE, *Senior Partner*, Atkinson Koven & Feinberg Consulting Engineers

Jeffrey Raven, FAIA, LEED AP BD+C, *Assoc. Professor and Director of the Graduate Program*, Urban and Regional Design, NYIT; *Principal*, RAVEN A + U

Paul Savage, MBA, BSIE, *Director, Healthcare Management, Senior Clinical Lecturer in Population Health Management*, Iona College

Organized by: AIANY Design for Risk and Reconstruction Committee, AIANY Health Facilities Committee, and New York Society for Health Planning (NYSHP)