

Title: Resilience Planning for Facility Managers

Date and Time of Webinar: Wednesday, September 7, 12:00-12:30 pm (Central)

Attendee URL: <https://attendee.gotowebinar.com/register/1903686012418688257>

Description: Recent natural disasters, major economic shifts, and rapid urbanization have prompted organizations to focus explicitly on resilience planning and investments. The challenges for facility managers are to understand the key concepts associated with resilience that impact both buildings and employees, to identify and prioritize the major vulnerabilities and hazards, and to incorporate resilience into operational and investment planning.

This presentation provides a brief overview of resilience and its complementarity to sustainability, and discusses the critical aspects of resilience planning. Resilience planning as it relates to facility management is the process through which an organization identifies overall strategies and specific tactics to improve the capacity of its facilities to accommodate changes over time and maintain functionality. The types of changes and disruptions can usefully be divided into acute disruptions (such as extreme weather events) and chronic stressors (e.g., long-term trends, such as drought).

To optimize resilience planning, Facility Managers should incorporate and leverage sustainability planning into the resilience plan. The four general stages of resilience planning are: 1) identification and characterization of current assets; 2) assessment of current and emerging vulnerabilities and hazards; 3) identification and assessment of potential resilience interventions; and 4) incorporation of resilience into all investment and operations planning.

Presenters:



Dr. Sarah Slaughter, CEO, Built Environment Coalition

Dr. Sarah Slaughter is CEO of the Built Environment Coalition and currently serves on the Green Building Advisory Committee to the U.S. General Services Administration. She was recently a visiting lecturer in the Massachusetts Institute of Technology (MIT) Department of Urban Studies and Planning. She is currently advising the US National Park Service on climate change adaptation and resilience strategies for its capital facility assets, and is a Subject Matter Expert for a Federal research program focused on resilient adaptive systems.

She was previously the MIT Energy Initiative Associate Director for buildings and infrastructure, faculty head of the Sustainability Initiative in the MIT Sloan School of Management, professor in the MIT Department of Civil and Environmental Engineering, and earlier was a Lehigh University professor of Civil and Environmental Engineering. She was the founder and previous CEO of MOCA Systems, Inc. Slaughter is a member of the National Academy of Construction; an associate member of the National Academy of Sciences, Engineering and Medicine; and serves on the board of directors for the Charles River Watershed Association. She received her Ph.D., SM and SB from MIT.

Learning Objectives:

1. Acknowledge the importance of resilience planning.
2. Identify important resilience concepts.
3. Leverage sustainability programs in resilience planning;.
4. Understand the major activities in resilience planning..