

Designing Hospitals for Wildfire Smoke:

HVAC Strategies for Resilience and Readiness

Wednesday, June 10, 2026

10:30 a.m. – 11:30 a.m., Pacific Time

The *HCAI Design Guide for Planning and Preparing for Disasters - Best Practices for Emergency Planning, Preparation, and Solutions* is intended to assist the hospital in planning and preparing for disasters, as well as offering solutions for resiliency and readiness for emergencies that go beyond basic code requirements. It is not possible to cover every kind of disaster that may occur, however, there are common steps that may be taken to deal with specific types of disasters.

The *HCAI Design Guide for Planning and Preparing for Disasters Webinar Series* includes a comprehensive examination for specific sections of the [HCAI Design Guide](#), including additional design criteria and considerations developed after the original publication of the Guide in 2023.

TOPICS TO BE DISCUSSED THIS SESSION:

- Fundamentals of wildfire smoke: composition, PM2.5, and health impacts
- How wildfire smoke enters healthcare facilities
- Key HVAC strategies to reduce smoke infiltration and maintain building pressurization
- Filtration approaches: MERV-13, HEPA, and gas-phase filtration considerations
- Developing a Smoke Readiness Plan (SRP) for hospitals
- Monitoring and planning: use of PM2.5 sensors and operational preparedness
- Special considerations for healthcare facilities and infection control coordination
- Lessons learned from recent wildfire events and future design considerations

SPEAKERS

Mikhail Fuks, PE, HFDP, DBIA
HBSB Member

Abdel Darwich, PE, ASHRAE Fellow, LEED AP, HFDP,
Principal, Guttman and Blaevoet Consulting Engineers; HBSB Consulting Member

REGISTRATION AND INSTRUCTIONS

Fee: Complimentary

To Register: [Click here](#) if you would like to attend.

Upon registration, you will receive a confirmation email with the GoToWebinar login instructions. If necessary, it is suggested that you download and install the app in advance of the webinar.

Note: Multiple staff members from one office should **register INDIVIDUALLY** to receive separate log-ins.

A certificate of completion will be emailed from GoToWebinar to registered attendees who log in and attend the day of the webinar.

AIA 1.0 HSW (pending AIA approval)

Who Should Attend?

Healthcare facility owners, Design Professionals, Construction Managers; and others interested or involved in Hospital Construction