

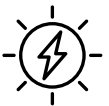
CLIMATE ADAPTATION RESOURCE SHEET: NATIONAL CASE STUDIES



AIR FILTRATION

[Health Care Facilities Maintain Indoor Air Quality Through Smoke and Wildfires](#)

Strategies: medical centers in California and Colorado utilized HEPA filters and air scrubbers to maintain healthy indoor air quality and continue operation during severe wildfire smoke events.



BACKUP POWER

[Hospital Plans Ahead for Power, Serves the Community Through Hurricane Sandy](#)

Strategies: installed 2,000 kW backup generator, received Energy Star certification and this system enabled hospital to maintain power and operations following energy grid failure during Hurricane Sandy.



INFRASTRUCTURE

[Investment in Infrastructure at Sea-Level Hospital Will Pay Off by Reducing Risk](#)

Strategies: constructed with first floor elevation 30 inches above the FEMA 500-year flood elevation and all critical infrastructure and patient care areas above the first floor. Installed onsite heat and power back-up energy system that can function in event of grid failure, stormwater barriers and absorption infrastructure, triple-glazed windows and sun shades to block heat.



PLANNING

[After Record-Breaking Rains, A Major Medical Center's Hazard Mitigation Plan Improves Resilience](#)

Strategies: installed new utility plant onsite with elevated power delivery above flood elevation; moved critical infrastructure and program areas above projected flood elevations, and developed long-term hazard mitigation plan and stormwater management plan that increases greenspace for improved water absorption.



FREE A/C UNIT AND AIR FILTER DISTRIBUTION

[Oregon Health Authority Air Conditioner and Air Filter Deployment Program](#)

Strategies: The Oregon Health Authority is partnering with community organizations to provide free air conditioners and air filtration units to Oregon residents receiving public assistance benefits who are at increased risk of health issues associated with heat and wildfire smoke. 3,000 A/C units and 4,700 air filters were available for distribution in 2023.