



News Alert

Chemical Insights Research Institute Addresses Building Resilience and Wildfire Smoke at Greenbuild International Conference + Expo

Panels examine WUI emissions and impact on human health

[Chemical Insights Research Institute](#) (CIRI) of UL Research Institutes will present two informative sessions at the 2023 Greenbuild International Conference + Expo at the Walter Washington Convention Center in Washington D.C. Greenbuild is a cutting-edge community for global green building professionals to improve sustainability, resilience, equity, health and wellness in the spaces where people live, work, and play.

CIRI will offer a sneak peek into the next frontier of research on climate change and extreme weather impacts on the built environment, public health, and ecosystems. CIRI and additional expert panelists will share ongoing research into the impact of changing environmental conditions from the release of chemicals, unexpected chemical transformations, microbiological growth, and fire emissions and fire residues. They will discuss how this research may translate into tools for the building community, offering a glimpse into the future of designing healthy and durable materials and buildings.

- “Resiliency for Health,” Tuesday, September 26, 2023, from 1-2 p.m.

CIRI will also host a panel discussion that looks at the impact of wildfires in the wildland urban interface (WUI) on public health. The WUI is one of the fastest growing land use types in the continental U.S. and building and design professionals need an understanding of the impact of wildfires on our natural resources and the built environment. Attendees will be navigated through decision-making regarding fire risk, indoor air implications, material selections and remediation through a first-hand experience case study of the Marshall Fire’s impact on a residence in Colorado.

- “The Latest Science on WUI Fires and the Built Environment,” Wednesday, September 27, 2023, from 11:15 a.m.-12:15 p.m.

As a nonprofit institute, [CIRI](#) of [UL Research Institutes](#) is on the frontlines of researching rapidly emerging chemical and environmental safety threats facing people and the planet today. We share knowledge and actionable resources to protect human health.

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