

Agenda
Feb 14, 2023
1:00 - 4:30 p.m. (ET)

****This meeting will be held virtual only.** Webinar registration: <https://attendee.gotowebinar.com/register/3611514595311026523>

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I. Welcome, Announcements and Introductions

Meeting moderator, Laureen Burton EPA/IED

II. Updates on IAQ & IEQ activities from Federal CIAQ Member Agencies

1. DOE - Department of Energy - *Chris Early*
2. HUD – Department of Housing and Urban Development - *invited*
3. EPA-Environmental Protection Agency – *David Rowson*

Q&A, (DOE, HUD and EPA)

III. IAQ Area of Interest Presentation(s)

Topic: Safety and Efficacy of DIY Air Cleaners for Wildfire Smoke Reduction

Do-it-yourself (DIY) air cleaners made from a box fan and furnace filters, are less expensive and more accessible than commercial air cleaners, but questions exist as to their safety, ability to reduce particulate matter, and efficacy in real-world scenarios. This presentation will describe EPA's research to address the unknowns for DIY air cleaners and develop guidance for their use during wildfire smoke episodes.

Presenter:



Amara Holder, PhD., Mechanical Engineer, U.S. Environmental Protection Agency, Office of Research and Development

Dr. Amara Holder is a research mechanical engineer with the U. S. Environmental Protection Agency Office of Research and Development. She received a PhD in Mechanical Engineering from the University of California Berkely and has been researcher with EPA since 2011. Her research focuses broadly on the particulate matter emitted from combustion sources and their impacts on human health and the environment, with a special focus on smoke from wildland fires. She has been active in developing and evaluating particulate matter sensors for wildfire smoke monitoring and applying these technologies to better understand how

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wildfire smoke impacts both outdoor and indoor air quality. She has been part of an EPA team researching the factors that impact smoke infiltration and what actions can be taken to reduce smoke exposure indoors. She has contributed to multiple scientific assessments on wildfire smoke and served as a member of the National Academies Committee on the Chemistry of Urban Wildfires.

IV. Closing Announcements and Adjournment [Note: the meeting may end earlier than 4:30p.m.]

Next meeting scheduled for June 2023

<http://www.epa.gov/indoor-air-quality-iaq/federal-interagency-committee-indoor-air-quality>

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