

*The National Academies of*  
SCIENCES • ENGINEERING • MEDICINE

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**FRIDAY, SEPTEMBER 25, 2020**

WE WILL START AT 1 PM EDT

# Wildland Fires: Towards Improved Understanding and Forecasting of Air Quality Impacts

## Day 3

*Sessions are being recorded*


# WebEx Events: Engaging in the Conversation


**PANELISTS:** Speakers, Committee and Board Members, Staff

- Remain muted when not speaking; turn video/webcam on when appropriate
- View questions and comments submitted through Q&A
- View list of all attendees

**ATTENDEES:**

- Please open Participant, Chat, and Q&A panels as needed

 **Q&A Panel:** Questions can only be submitted by ATTENDEES and seen by PANELISTS. Answers will not be provided in writing. Only submit questions to “**all panelists**” for consideration.

 **Chat Panel:** Should be used minimally. Can be used by all to communicate with the host.



**Floating panel view** will make your panels separate windows, but it will put your video window into full screen behind them.



**Speaker** view is the recommended viewing option of speakers when the screen isn't shared.

# WebEx Events: Engaging in the Conversation

## LIVESTREAM:

- On event webpage. Listen-only viewing.

## SEE WEBPAGE FOR:

- Agenda
- Speaker and Committee Member bios
- WebEx guidance
- Links to join via WebEx

# Workshop goals: Being Met

Brought together *atmospheric chemistry* and *health* research communities, *managers*, and *decision makers* to discuss knowledge and needs surrounding how wildfire smoke affects air quality and human health.

Exploring opportunities to better bridge these communities, to advance the science and improve the production and exchange of information.

- Many good ideas about how to meet these needs
- This meeting is another start in enabling exchange of information and building on the findings

# Workshop structure

## **Day 1: Where are we now?- What are we learning? (Sciences- Atm & Health)**

Current state of the science and communication around atmospheric chemistry and transport of fire emissions, forecasting, measurement tools, and smoke health effects.

**Day 2: Where do we want to be?** What is needed on the ground and how that translates into primary research needs within the atmospheric chemistry and health communities to better protect air quality and human health. What do we need to learn about air quality to *mitigate, manage, and prevent health effects*? (Adaptation strategies)

## **Day 3: How do we get there?**

How we can improve the production and exchange of information about air quality and health effects between atmospheric and health communities and more broadly, as we look to future needs and capabilities for research and mitigation of health impacts.

## A few thoughts from Yesterday

### **Day 2: The needs for dealing with wildland fire effluents**

– Action is being taken with the information available. There is a thirst for this information. Action is taken with “imperfect” information. We use what is available to make the best possible decisions.

### **Actionable information- Information usable by the user**

- There is much to be learned in the health impacts and actions to be taken to protect people-
- Wildland fires as a major health issue is being felt more and more
- It takes a lot of time to mitigate even after we start.
- Needs and plans for forecasting (near term) versus prediction (longer term) may be somewhat different.

# Looking ahead to today

## Day 3:

- A little bit of a continuation from yesterday....
  - What steps do we need to take and how do we achieve those goals?
  - How do we use the information that we already have?
  - How do we communicate effectively?
- will hear from people with very broad perspectives.

