

Optimizing Research on Experimental Prescribed Fires to Improve Understanding of Wildland Fire and Smoke Behavior – Meeting 1

August 12-13, 2025

2101 Constitution Ave. NW, Washington, DC 20418

TUESDAY, AUGUST 12, 2025

Meeting Objectives

- Provide a public-facing orientation to our process
- Hear from the sponsor regarding the study motivation, background, and request
- Discuss the Statement of Task and considerations for candidate campaigns and models
- Prepare for future meetings, identify information needs, and strategize for report development

OPEN SESSION

10:00	Welcome and Introductions Dar Roberts, Committee Chair
10:15	Orientation to the National Academies, Study, and Committee Process Stacee Karras, Study Director
11:00	Study Background and Request Aaron Piña, U.S. Department of Agriculture, U.S. Forest Service Kevin Hiers, Department of Defense Michael Falkowski, National Aeronautics and Space Administration
12:00	Lunch
1:00	Open Discussion of Study Scope and Task <ul style="list-style-type: none">• Clarifying Questions about the Committee's Charge• Discussion of relevant data-collection efforts• Discussion of relevant models Committee and Guests
2:45	Break
3:00	Fire and Smoke Model Evaluation Experiment (FASMEE) Tim Brown, Desert Research Institute
3:45	Concluding Remarks
4:00	Open Session Adjourn

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WEDNESDAY, AUGUST 13, 2025

OPEN SESSION

10:00	Welcome and Introductions Dar Roberts, Committee Chair
10:15	Prescribed Fire Combustion-Atmospheric Dynamics Research Experiments (RX-CADRE) and DOD SE Campaigns Joe O'Brien, U.S. Department of Agriculture, U.S. Forest Service
11:15	Fire Influence on Regional to Global Environments and Air Quality (FIREX-AQ) Joshua Schwarz, National Oceanic and Atmospheric Administration
12:00	Lunch
1:00	Western wildfire Experiment for Cloud chemistry, Aerosol absorption and Nitrogen (WE-CAN) Emily Fischer, Colorado State University
1:45	Closing remarks
2:00	Open Session Adjourn