Wildfire Induced Air Pollution Mitigation & Assessment Symposium

UC MULTICAMPUS-NATIONAL LAB COLLABORATIVE RESEARCH AND TRAINING AWARDS

MARCH 23, 2020
9:00 AM – 5:00 PM
UC Davis, Student Community Center, Room D

Michele Barbato
UC Davis,
Department of Civil & Environmental Engineering

Sponsored By
UC Office of the President under award LFR-20-651032
UC Davis Air Quality Research Center
UC Davis Climate Adaptation Research Center
Symposium Agenda

Wildfires are becoming an existential threat to the well-being of the U.S. population, with wildfire-induced air pollution as one of the most severe contributors to economic and life losses. This symposium will address critical research needs to assess and mitigate wildfire effects on human health, with presentations by accomplished researchers from UC Davis, UC Merced, UC Los Angeles, UC Irvine, UC Berkeley, Lawrence Livermore National Lab, Los Alamos National Lab, and EPRI.

9:00 – 9:40 AM  Introduction and Opening Remarks
Michele Barbato, UC Davis, Lead Principal Investigator
Prasant Mohapatra, UC Davis, Office of Research, Vice Chancellor
Ricardo Castro, UC Davis, College of Engineering, Associate Dean

9:40 – 10:40 AM  Wildfire Modeling, Forecast, & Data Visualization
Brian Bailey, UC Davis
Alex Koltunov, UC Davis
Nancy Thomas, UC Berkeley

10:40 – 11:00 AM  Group Break

11:00 – 12:00 PM  Wildfire Emission Prediction and Air Quality Assessment
Susan Ustin, UC Davis
Jeffrey D. Mirocha, Lawrence Livermore National Lab
Donald Dabdub, UC Irvine

12:00 – 1:00 PM  BYOBB (Bring Your Own Brown Bag or visit one of the campus lunch venues)

1:00 – 2:20 PM  Wildfire Health Effects Assessment
Tian Xia, UC Los Angeles
Allison C. Aiken, Los Alamos National Lab
Kathryn Conlon, UC Davis
Eric Chu, UC Davis

2:20 – 2:40 PM  Group Break

2:40 – 4:00 PM  Development and Assessment of Wildfire Mitigation Strategies
Andrew Latimer, UC Davis
James Thorne, UC Davis
Michele Barbato, UC Davis
LeRoy Westerling, UC Merced

4:00 – 4:20 PM  Group Break

4:20 – 4:40 PM  Panel Discussion

4:40 – 5:00 PM  Closing & Future Activities

Complimentary Registration: Please confirm your attendance by filling out this registration form.

Full Program: Available on the UC Davis Climate Adaptation Research Center website

Location: UC Davis, Student Community Center, Room D

Parking Information: Permits and locations

Questions: Contact Symposium Organizer, Michele Barbato, mbarbato@ucdavis.edu.