

U.S. EPA Office of Research and Development (ORD)
Board of Scientific Counselors (BOSC)
Subcommittee (SC) for the Air and Energy (A-E) Research Program

Wednesday, February 17, 2021

Time (EDT)	Agenda Activity	Presenter
11:30 – 12:00	Sign on & Technology Check	
12:00 – 12:15	Welcome and Opening Remarks	Tom Tracy, Designated Federal Officer (DFO), Office of the Science Advisor, Policy, and Engagement (OSAPE) Charlette Geffen, A-E BOSC SC Chair Sandy Smith, A-E BOSC SC Vice Chair
12:15 -12:30	ORD Welcome	Jennifer Orme-Zavaleta, ORD Principal Deputy Assistant Administrator for Science
12:30 – 12:45	Overview of A-E BOSC SC Meeting Format and Charge Questions	Bryan Hubbell, A-E National Program Director (NPD)
12:45 – 1:00	Scientific Challenges and Key Uncertainties of National Ambient Air Quality Standards (NAAQS) Attainment (Charge Questions 1 and 2)	Bryan Hubbell, A-E NPD
1:00 – 1:15	Approaches for Addressing Scientific Challenges and Key Uncertainties of NAAQS Attainment (Charge Questions 1 and 2)	Tim Watkins, Center Director, Center for Environmental Measurement and Modeling (CEMM)
1:15 – 2:15	Research to Inform Decision Making and Plans to Meet NAAQS (Charge Question 1, Research Areas 1, 2, and 7) <ul style="list-style-type: none"> • Empirical and Computational Approaches to Inform NAAQS Compliance • Measurement Research to Inform NAAQS Decisions • Insights from Partners/Users of A-E Research 	Tiffany Yelverton, CEMM Alan Vette, CEMM Lara Phelps, CEMM Kathryn Sargeant, Office of Air and Radiation (OAR) Chet Wayland, OAR
2:15 – 2:30	BREAK	
2:30 – 3:30	Considerations to Maximize Public Health Benefits (Charge Question 2, Research Areas 3, and 8) <ul style="list-style-type: none"> • Health Effects • Air Pollution Exposure • Insights from Partners 	Tom Long, Center for Public Health and Environmental Assessment (CPHEA) David Diaz-Sanchez, CPHEA Lisa Baxter, CPHEA Rona Birnbaum, OAR Erika Sasser, OAR

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3:30 – 5:00	Meet the Scientists, Session #1	
	Room A	
	Air Quality Modeling, Session-Lead	Rohit Mathur, CEMM
	Community Model for Air Quality (CMAQ)	Christian Hogrefe, CEMM
	Long Island Sound Tropospheric Ozone Study (LISTOS)	Luke Valin, CEMM
	Volatile Chemical Products (VCPs)	Havala Pye, CEMM
	Room B	
	Health Effects, Session-Lead	Ian Gilmour, CPHEA
	Electronic Health Records	Cavin Ward-Caviness, CPHEA
	Epidemiology to Identify Environmental Justice Issues	Anne Weaver, CPHEA
	Air Pollution Toxicology	Mehdi Hazari, CPHEA
	Room C	
	Deposition, Session-Lead	Donna Schwede, CEMM
	Measurements	John Walker, CEMM
	EPA's Air QUALity Time Series Project (EQUATES)	Kristen Foley, CEMM
	Critical Loads	Chris Clark, CPHEA
5:00 – 5:15	BREAK	
5:15 – 5:30	Public Comments	Tom Tracy, DFO, OSAPE
5:30 – 5:45	Clarification Questions from BOSC SC	Charlette Geffen, A-E BOSC SC Chair Sandy Smith, A-E BOSC SC Vice Chair
5:45 – 6:30	Closed session for BOSC SC Discussion	

Thursday, February 18, 2021

Time (EDT)	Agenda Activity	Presenter
11:30 – 12:00	Sign on & Technology Check	
12:00 – 12:15	Welcome Back	Tom Tracy, DFO Charlette Geffen, A-E BOSC SC Chair Sandy Smith, A-E BOSC SC Vice Chair
12:15 -12:30	Current Challenges posed by Wildfires	Bryan Hubbell, A-E NPD
12:30 – 12:45	Approaches to Address Current Challenges Posed by Wildfires	Wayne Cascio, Center Director, Center for Public Health and Environmental Assessment (CPHEA)
12:45 – 1:45	Efforts to Understand Fire Emissions and Their Locations (Charge Question 3, Research Areas 2,7, 9) • Combating Wildlands Through Measurements and Characterization	Beth Hassett-Sipple, CEMM Lara Phelps, CEMM

Time (EDT)	Agenda Activity	Presenter
	<ul style="list-style-type: none"> Wildland Fire-related Research: Emissions and Modeling Insights from Partners/Users of A-E Research 	Tom Pierce, CEMM Kirk Baker, OAR
1:45 – 2:45	Research for Understanding Health and Environmental Impacts and Potential Mitigations (Charge Question 3, Research Areas 3, 8, 9) <ul style="list-style-type: none"> Health Impacts Ecological Impacts Insights from Partners/Users of A-E Research 	Serena Chung, OSAPE John Vandenberg, CPHEA Alan Thornhill, CPHEA Phil Dickerson, OAR Meredith Kurpius, Region 9
2:45 – 3:00	BREAK	
3:00-4:30	Meet the Scientists, Session #2	
	Room A	
	Public Health and Environmental Impacts, Session-Lead	Stephen LeDuc, CPHEA
	Epidemiology	Ana Rappold, CPHEA
	Exposure	Mike Breen, CPHEA
	Ecology	Jana Compton, CPHEA
	Room B	
	Emissions and Measurements, Session-Lead	Peter Beedlow, CPHEA
	Emissions	George Pouliot, CEMM
	Mobile Ambient Smoke Investigation Capability (MASIC) study	Matt Landis, CEMM
	Virtual Tour of EPA's Pacific Ecological Systems Division (PESD)	Jim Markwiese, CPHEA
	Room C	
	Translational Science and Communications, Session-Lead	Gail Robarge, CPHEA
	Smoke Sense	Mary Clare Hano, CPHEA
	Wildfire Study to Advance Science Partnerships for Indoor Reductions of Smoke Exposures (ASPIRE)	Amara Holder, CEMM
	AirNow Smoke Map Sensor Pilot	Andrea Clements, CEMM
4:30 – 4:45	BREAK	
4:45 – 5:00	Public Comments	Tom Tracy, DFO, OSAPE
5:00 – 5:15	Clarification Questions from BOSC SC	Charlette Geffen, A-E BOSC SC Chair Sandy Smith, A-E BOSC SC Vice Chair
5:15 – 5:45	Closed session for BOSC SC Discussion	

Friday, February 19, 2021

Time (EDT)	Agenda Activity	Presenter
11:30 – 12:00	Sign on & Technology Check	
12:00 – 12:15	Welcome Back	Tom Tracy, DFO, OSAPE Charlette Geffen, A-E BOSC SC Chair Sandy Smith, A-E BOSC SC Vice Chair
12:15 – 1:00	Focused Discussion on Environmental Justice Challenges	Bryan Hubbell, A-E NPD
1:00 – 1:30	A-E Engagement Strategy Update	Sherri Hunt, A-E Principal Associate NPD
1:30 – 2:15	Overall comments from BOSC SC	Charlette Geffen, A-E BOSC SC Chair Sandy Smith, A-E BOSC SC Vice Chair
2:15 – 2:30	BREAK	
2:30 – 2:45	Closed session for full BOSC SC Discussion	
2:45 – 3:30	Closed session for BOSC SC Breakout Groups by Charge Question	
3:30 – 4:30	Closed session for full BOSC SC Discussion	
4:30 – 4:45	Wrap up	Tom Tracy, DFO

Meet the Scientists Sessions

- Two 90-minute Meet the Scientists sessions promote smaller group interactions with researchers.
- Each 90-minute Meet the Scientists session has three concurrent 30-min time blocks/virtual rooms and each 30-min virtual room will:
 - Focus on a specific topic, and
 - Have a moderator and 3 scientists, each with 3-5-minute presentations.
- Within a Meet the Scientist Session, each 30-min time block/virtual room will repeat three times so that **all subcommittee members will be able to attend all three virtual rooms**. Subcommittee members will be assigned a group and will rotate through the three virtual rooms.