

NASA ACCP Air Quality Virtual Workshop

March 16th- 18th, 2021

Virtual Platform: *Microsoft Teams*

Time (EDT): 1 PM – 5 PM

**Please register to receive virtual meeting login details & instructions:*

<https://forms.gle/tEqKqMK7JbCZqcacA>

March 16th - Day 1

Introduction and Overview of ACCP Activities and New and Emerging Research

Time, EDT	Description	Speaker	Emerging Themes and Goals
12:30 – 1:00	Check-In/ Communications Check		
1:00 – 1:15	Workshop Welcome, Logistics, and Workshop Purpose	Ali Omar, <i>NASA LaRC</i>	Provide an update on the Aerosol, Clouds, Convection, and Precipitation (ACCP) Study and enabled applications.
1:15 – 1:25	Introduction to Decadal Survey	Bryan Duncan, <i>NASA GSFC</i>	
1:25 – 1:35	Current and Future POR	Aaron Naeger, <i>NASA MSFC</i>	
1:35- 1:50	ACCP Study Overview	Arlindo Da Silva, <i>NASA GSFC</i>	
1:50 – 2:10	ACCP Applications	Ali Omar, <i>NASA LaRC</i>	
2:10 – 2:30	Q&A	AIT Members	
2:30 – 2:45	BREAK (15 minutes)		
2:45 – 3:00	Overview from NASA HQ	John Haynes, <i>NASA HQ</i>	Invited talks will present new and emerging research in Air Quality.
3:00 – 3:15	Lidar and the Vertical Perspective	Amber Soja, <i>NIA, NASA LaRC</i>	
3:15 – 3:35	Speaker 1 (15 min presentation + 5 min for Q)	Susan Anenberg, <i>George Washington University</i>	Identify potential training needs.
3:35 – 3:50	BREAK (15 minutes)		
3:50 – 4:10	Speaker 2 (15 min presentation + 5 min for Q)	Aaron van Donkelaar, <i>Dalhousie University</i>	Initiate Early Adopters conversations
4:10 – 4:30	Speaker 3 (15 min presentation + 5 min for Q)	Greg Carmichael, <i>University of Iowa</i>	
4:30- 4:50	Speaker 4 (15 min presentation + 5 min for Q)	Christine Wiedinmyer, <i>CIRES</i>	
4:50 – 5:00	Wrap-up and setting up stage for Days 2 and 3	Melanie Follette-Cook, <i>NASA GSFC</i>	

March 17th - Day 2
AQ and Hazardous Plume Forecasting and Monitoring

Time, EDT	Description	Speaker	Emerging Themes and Goals
12:30 – 1:00	Check-In/ Communications Check		
1:00 – 1:05	Today's Agenda and Goals	Aaron Naeger	
1:05 – 1:45	Introduction to Panel 1: AQ Forecasting	Facilitator: Melanie Follette-Cook, <i>NASA GSFC, MSU</i>	
	Panelist Presentations: <ul style="list-style-type: none"> • Shobha Kondragunta (NOAA) • Ivanka Stajner (NOAA) • Daniel Tong (GMU) • Virginie Buchard-Marchant (NASA GSFC, USRA) • Keiya Yumimoto (JMA) • Jean Paul Vernier (NASA) • Phil Dickerson (EPA) 		
1:45 – 1:55	BREAK (10 minutes)		
1:55 – 2:55	AQ Panel Discussion	Facilitator: Melanie Follette-Cook, <i>NASA GSFC</i>	
2:55– 3:05	BREAK (15 minutes)		
3:05 –3:45	Introduction to Panel 2: AQ Rules and Regulation	Facilitator: Aaron Naeger, <i>NASA MSFC</i>	
	Panelist Presentations: <ul style="list-style-type: none"> • Toshi Kuwayama (CARB) • Michael Geigert (CT) • Barron Henderson (EPA) • Jim Szykman (EPA) • Zac Adelman (LADCO) • George Pouliot (EPA) • Rohit Mathur (EPA) • Venkatesh Rao (EPA) 		
3:45– 3:55	BREAK (10 minutes)		
3:55- 4:55	AQ Regulation Panel Discussion	Aaron Naeger, <i>NASA MSFC</i>	
4:55 – 5:00	Day 2 Wrap-up	Melanie Follette-Cook	

March 18th - Day 3

Wildland, Prescribed & Agricultural Smoke and AQ, and Air Pollution and Public Health

Time, EDT	Description	Speaker	Emerging Themes and Goals
12:30 – 1:00	Check-In/ Communications Check		
1:00 – 1:05	Today's Agenda and Goals	Ali Omar, <i>NASA LaRC</i>	
1:05 – 1:45	Introduction to Panel 3: Smoke from Wildland, Prescribed, and Agricultural Fires	Facilitator: Amber Soja, <i>NIA, NASA LaRC</i>	Understand users' perspectives, needs, and challenges, in the context of satellite aerosol supporting society and decision-making processes for air quality activities.
	Panelist Introductions (5-7 minutes): <ul style="list-style-type: none"> • Susan O'Neill (USDA Forest Service) • Ed Hyer (NRL) • Sean Raffuse (UC Davis) • Ravan Ahmadov (NOAA) • Kirk Baker (EPA) • Mika Tosca (School of the Art Inst. of Chicago) 		
1:45 – 1:55	BREAK (10 minutes)		
1:55 – 2:55	Smoke Panel Discussion	Amber Soja, <i>NIA, NASA LaRC</i>	Identify where ACCP can add value and understand how products from the ACCP study may be used by this community.
2:55– 3:05	BREAK (15 minutes)		
3:05 – 3:45	Introduction to Panel 4: Public Health	Facilitator: Bryan Duncan, <i>NASA GSFC</i>	Identify potential training needs.
	Panelist Presentation 1 (10 minutes)	Yang Liu (<i>Emory University</i>)	
	Panelist Presentation 2 (10 minutes)	Rima Habre (<i>USC</i>)	
	Panelist Presentation 3 (10 minutes)	Nathan Pavlovic (<i>Google Earth Engine/ Sonoma Tech</i>)	
3:45– 3:55	BREAK (10 minutes)		Initiate Early Adopters conversations.
3:55- 4:55	Public Health Panel Discussion <ul style="list-style-type: none"> • Kevin Cromar (NYU) • Susan Anenberg (GWU) • Aaron van Donkelaar (Dalhousie U.) • Rima Habre (USC) • Nathan Pavlovic (Sonoma Tech) • Yang Liu (Emory U.) 	Facilitator: Bryan Duncan, <i>NASA GSFC</i>	
4:55 – 5:00	Day 3 Wrap-up	Ali Omar, <i>NASA LaRC</i>	