

## ACE 2019 Preliminary Technical Session Schedule

**Tuesday, June 25**

Time	Title	Track	Session Type
8:30 am-10:30 am			
	Opening General Session: Keynote Address		
10:30 am-5:30 pm			
	Exhibit Hall Opens		
10:45 am-12:15 am			
	Technical Poster Session		
11:55 am-1:15 pm			
	Technical Coordinating Committee Meetings		
1:30 pm-3:10 pm			
Tue PM1	Air Quality Monitoring: Challenges and Innovations - Part 1	MINI/AQMM	panel
Tue PM1	GHG, Mercury and Ammonia Control Technologies	AQCT	platform
Tue PM1	Streamlining Government Business Processes for Environmental Protection	REGU/AQES	panel
Tue PM1	Climate Change, Health, and Local Adaptive Management	CLIM	platform
Tue PM1	Climate Change Communication	CLIM	panel
Tue PM1	Per- and Polyfluoroalkyl Substances (PFAS) - How Much Should We Be Worried?	H&EE	panel
Tue PM1	Cross-Functional Panel Discussion on the Treatment of Confidential Information in Regulatory Submittals	REGU	panel
Tue PM1	Resource Conservation and Sustainability: Innovative Policies and Practices - Part 1	SUST	platform
Tue PM1	Transportation Air Quality Modeling	TRANS/AQMO	platform
Tue PM1	Solid Waste Generation and Treatment	WAST	platform
Tue PM1	Hazardous Materials Treatment and Reuse Process Development	WAST	platform
3:10 pm-4:00 pm			
	Session Break		
4:00 pm-6:00 pm			
Tue PM2	Air Quality Monitoring: Challenges and Innovations - Part 2	MINI/AQMM	panel
Tue PM2	Remote Sensing and Satellite-Based Monitoring	AQMM	platform
Tue PM2	Air Dispersion Modeling Case Studies: AERMOD	AQMO	platform
Tue PM2	Diesel-Free By '33: Ending Diesel Pollution in the San Francisco Bay Area	CLIM/TRAN	panel
Tue PM2	Health Benefits of Emissions Reductions	H&EE	platform
Tue PM2	Power Industry Technology - Innovation, Challenges and Benefits	INDU	platform
Tue PM2	Not in My Backyard: Legal Issues in Finding Common Ground for the Approval of Major Resource Projects	REGU	panel
Tue PM2	Resource Conservation and Sustainability: Innovative Policies and Practices - Part 2	SUST	platform
Tue PM2	Electric Vehicles: Effects on the Environment	TRAN	platform
Tue PM2	Per- and Polyfluoroalkyl Substances (PFAS) and Other Emerging Contaminants in Waste Management	WAST/H&EE	platform
Tue PM2	How Does It Work? – Control Devices	YPRO/AQCT	panel

**Wednesday, June 26**

Time	Title	Track	Session Type
<b>8:00 am-9:40 am</b>			
Wed AM1	Air Pollutant/Greenhouse Gas Emissions Initiatives	MINI/CLIM	platform
Wed AM1	Air Quality Sensing I: Designs and Validations	AQMM	platform
Wed AM1	IMPROVE Network and Dust Issues	AQMM	platform
Wed AM1	Innovative Modeling Applications & Techniques: CFD Modeling	AQMO/TRAN	platform
Wed AM1	Risk Assessment/Management: Methods and Techniques	H&EE	platform
Wed AM1	Waiting to Exhale: The Potential Environmental Impacts and the Regulatory Landscape	REGU	panel
Wed AM1	Air Permitting Problems and Solutions	REGU	panel
Wed AM1	Zero Waste: Sustainability Issues and Evaluation Index	SUST	panel
Wed AM1	Transportation Emissions	TRAN/AQMO	platform
Wed AM1	Bio Fuel from Waste and Waste Composting	WAST	platform
Wed AM1	Prediction, Measurement and Management of Multimedia Environmental Fate of PFAS and Emerging Contaminants from Source Faci	WAST	panel
<b>9:40 am-10:10 am</b>			
<b>Session Break</b>			
<b>10:10 am-11:50 am</b>			
Wed AM2	Environmental Benefits and Development Challenges of Emerging Power Generation Technology	MINI/POWR	panel
Wed AM2	SOx, VOC, and Toxic Gas Control Technologies - Part 1	AQCT	platform
Wed AM2	Air Quality Sensing II: Designs and Validations	AQMM	platform
Wed AM2	Regional Haze and Nitrogen	AQMM	platform
Wed AM2	Air Monitoring Methods, Data, and Uncertainties	AQMM	platform
Wed AM2	Innovative Modeling Applications & Techniques: Innovative Techniques	AQMO	platform
Wed AM2	Greenhouse Gas Inventories	CLIM	platform
Wed AM2	Permitting Case Studies	REGU	platform
Wed AM2	Corporate Implementation of Sustainability: Ethics, Methods, Metrics, Reporting, and Measured Benefits - Case	SUST	platform
Wed AM2	Renewable Natural Gas: Opportunities for Waste Management	WAST/SUST	panel
Wed AM2	How Does It Work? Border Battle - Environmental Regulations in the United States and Canada	YPRO/REGU	panel
<b>11:55 am-1:15 pm</b>			
<b>Technical Coordinating Committee Meetings</b>			
<b>1:30 pm-3:10 pm</b>			
Wed PM1	Answering Critical Challenges Facing our Planet in Air Quality by Using NASA's Current & Future Earth Observing Sate	MINI/AQMM	panel
Wed PM1	SOx, VOC, and Toxic Gas Control Technologies - Part 2	AQCT	platform
Wed PM1	Emissions for Point and Area Sources	AQES	platform
Wed PM1	Next Generation of Air Monitoring Tools for Fugitive, Fenceline, and Area Source Applications	AQMM	platform
Wed PM1	Downscaling Global Climate Models to use in Local Adaptation Planning	CLIM	panel
Wed PM1	Economics, Partnerships & Environmental Leadership	REGU	platform
Wed PM1	Modeling Issues in PSD/Nonattainment/Minor NSR Permitting	REGU/AQMO	panel
Wed PM1	Sustainability Tracking, Metrics, Initiatives, and Analytics	SUST	platform
Wed PM1	Community Noise and Road Emissions	TRAN	platform
Wed PM1	Waste Management and International Perspectives	WAST	platform
Wed PM1	YPAC Panel - Case Studies in Air Dispersion Modeling for Young Professionals	YPRO/AQMO	panel
<b>3:10 pm-3:30 pm</b>			
<b>Session Break</b>			

3:30 pm-5:30 pm

Wed PM2	Regulating Greenhouse Gas Emissions: Successes of Carbon Taxes	MINI/CLIM	panel
Wed PM2	PM Control Technologies	AQCT	platform
Wed PM2	Challenges in Emission Inventory Development	AQES	platform
Wed PM2	Air Quality Measurements and Monitoring in China	AQMM	platform
Wed PM2	Smoke and Prescribed Burning Air Quality Issues	AQMM/AQES	platform
Wed PM2	Greenhouse Gas Modeling	CLIM	platform
Wed PM2	Risk Assessment/Management: Recent Experience	H&EE	platform
Wed PM2	Regulatory Developments	REGU	platform
Wed PM2	Marine and Aviation Emissions	TRAN/AQES	platform
Wed PM2	Waste Management, Beneficial Use, and Energy Recovery	WAST	platform
Wed PM2	How Does it Work - Industries	YPRO/INDU	Panel

5:30 pm-6:30 pm

Reception in Exhibit Hall

**Thursday, June 27**

**Time Title Track Session Type**

8:00 am-10:30 am

Critical Review

9:40 am-11:40 am

Thu AM2	Quebec and California Cap and Trade Update and Expectations for Post 2020	MINI/CLIM	panel
Thu AM2	How to Select the Best VOC Emission Control Device Option	AQCT	panel
Thu AM2	Elemental, Ionic, and Organic Analysis for Air Measurement Applications	AQMM	platform
Thu AM2	Atmospheric Chemistry Measurements	AQMM	platform
Thu AM2	Air Dispersion Modeling for Regulatory Requirements	AQMO	platform
Thu AM2	How the Insurance Industry is Handling the Uncertainties of Climate Change	CLIM	panel
Thu AM2	Health Effects & Exposure - Part 1	H&EE	platform
Thu AM2	Nanomaterials and Nanotechnology-based Products: Occupational and Consumer Safety, Management and Regulation	NANO	panel
Thu AM2	New Source Review Issues and Recent Developments	REGU	panel
Thu AM2	Industrial Air Quality Compliance	REGU/INDU	platform
Thu AM2	Waste to Energy and International Perspectives	WAST	platform

11:50 pm-1:20 pm

Honors & Awards Luncheon

1:30 pm-3:10 pm

Thu PM1	EPA Priorities 2019-2020	MINI/REGU	panel
Thu PM1	Personal and Indoor AQ Monitoring	AQMM	platform
Thu PM1	Photochemistry	AQMM	platform
Thu PM1	Innovative Modeling Techniques: Regulatory Applications & Meteorology	AQMO	platform
Thu PM1	Climate Change Impacts on Agriculture and Vice Versa	CLIM	panel
Thu PM1	Carbon Offsets, Prices and Trading	CLIM	platform
Thu PM1	Bioaerosols and Transmission of Human and Animal Pathogens	H&EE	panel
Thu PM1	Odor Detection, Control and Management - Part 1	H&EE	platform
Thu PM1	Hot Topics in the Chemicals and Refining Industries	INDU	platform
Thu PM1	Nanotechnology Research Advances	NANO	platform
Thu PM1	BACT Development and Implementation	REGU	panel

3:10 pm-3:30 pm

Session Break

3:30 pm-5:10 pm

Thu PM2	Air Legislation, Regulation & Policy Developments	MINI/REGU	panel
Thu PM2	Meeting Air Quality Standards and Dry Sorbent Injection Technology for Effective SO2 Emissions Control	AQCT	panel
Thu PM2	Quantifying VOC Emissions from the Marijuana Industry and Modeling Regional Ozone Impacts	AQES	panel
Thu PM2	Health Effects & Exposure - Part 2	H&EE	platform
Thu PM2	Odor Detection, Control and Management - Part 2	H&EE	platform

4:30 pm-5:30 pm

2019 Non-ACE Programming and Task Force Meeting

5:30 pm-6:30 pm

2020 ACE Planning and Technical Council Wrap-Up Meeting

## LEGEND

### Tracks

AQCT	Air Quality - Control Technology
AQES	Air Quality - Emissions Studies
AQMM	Air Quality - Measurements and Monitoring
AQMO	Air Quality - Modeling
CLIM	Climate Change
EDUC	Education
FEDS	Federal Facilities
H&EE	Health and Environmental Effects
INDU	Industry, General Manufacturing and Mining
MINI	Mini-Symposium: Facing Environmental Challenges
NANO	Nanoparticles
O&GS	Oil & Gas
POWR	Power Generation
REGU	Regulatory and Legal
SUST	Sustainability and Resource Conservation
TRAN	Transportation
WAST	Waste Management
YPRO	Young Professionals