

AGENDA
U.S. Environmental Protection Agency
Clean Air Scientific Advisory Committee (CASAC) Sulfur Oxides Panel
Public Meeting
Residence Inn Arlington Capital View,
2850 South Potomac Avenue, Arlington, Virginia
March 20-21, 2017

Purpose: The CASAC Sulfur Oxides Panel will peer review EPA’s *Integrated Science Assessment (ISA) for Sulfur Oxides - Health Criteria (Second External Review Draft – December 2016)* and provide consultative advice on EPA’s *Review of the Primary National Ambient Air Quality Standards for Sulfur Dioxide: Risk and Exposure Assessment Planning Document (External Review Draft – February 2017)*.

Monday, March 20, 2017

9:00 a.m.	Convene Meeting	Mr. Aaron Yeow Designated Federal Officer SAB Staff Office
	Welcome	Mr. Christopher Zarba Director SAB Staff Office
9:10 a.m.	Review of Agenda	Dr. Ana Diez Roux Chair
9:15 a.m.	EPA Presentation on 2 nd Draft Integrated Science Assessment	Dr. Bruce Rodan EPA Office of Research and Development
		Dr. Tina Bahadori Dr. John Vandenberg Dr. Steven Dutton Dr. Tom Long EPA National Center for Environmental Assessment
9:45 a.m.	Public Comments on ISA	See List of Public Speakers
10:15 a.m.	Break	
10:30 a.m.	Discussion of ISA Charge Questions	Chair and Panel
	Discussion of Response to ISA Charge Questions	Lead Discussants:
	<ul style="list-style-type: none">Charge #2 - Chapter 2 – Atmospheric Chemistry and Ambient Concentrations of Sulfur Dioxides and Other Sulfur Oxides	Drs. <u>Judith Chow</u> , James Boylan, Delbert Eatough, Steven Hanna, Donna Kenski, Daniel Jacob*
	<ul style="list-style-type: none">Charge #3 - Chapter 3 – Exposure to Ambient Sulfur Dioxide	Drs. <u>Lianne Sheppard</u> , Alison Cullen, Chris Frey
12:00 p.m.	Lunch	

*participating via teleconference

1:15 p.m.	Discussion of Response to ISA Charge Questions (cont'd.) <ul style="list-style-type: none"> • Charge #4 – Chapter 4 – Dosimetry and Mode of Action and Chapter 5 – Integrated Health Effects of Exposure to Sulfur Oxides 	Lead Discussants: Drs. <u>David Peden</u> , Frank Speizer, James Ultman, John Balmes,* Aaron Cohen,* Farla Kaufman,* Richard Schlesinger*
3:00 p.m.	Break	
3:15 p.m.	Discussion of Response to ISA Charge Questions (cont'd.) <ul style="list-style-type: none"> • Charge #5 - Chapter 6 – Populations and Lifestages Potentially at Increased Risk for Health Effects Related to Sulfur Dioxide Exposure • Charge #1 - Executive Summary and Chapter 1 	Lead Discussants: Drs. <u>Ron Wyzga</u> , David Peden Dr. <u>Jack Harkema</u> , Mr. George Allen, Dr. James Ultman
4:45 p.m.	Clarifying Public Comments on ISA	TBD
5:00 p.m.	Recess	Mr. Yeow

Tuesday, March 21, 2017

8:30 a.m.	Convene Meeting	Mr. Yeow
8:35 a.m.	EPA Presentation on Risk and Exposure Assessment Planning Document	Mr. Robert Hetes Dr. Nicole Hagan Dr. Stephen Graham EPA Office of Air Quality and Planning Standards
9:05 a.m.	Public Comments on REA Planning Document	See List of Public Speakers
9:30 a.m.	Discussion of REA Planning Document Charge Questions Discussion of Response to REA Planning Document Charge Questions <ul style="list-style-type: none"> • Analytic Approach and Study Area Selection • Ambient Air Concentrations 	Chair and Panel Lead Discussants: Mr. George Allen, Drs. Jack Harkema, Ron Wyzga Drs. James Boylan, Judy Chow, Delbert Eatough, Steve Hanna, Donna Kenski
10:30 a.m.	Break	
10:45 a.m.	Discussion of Response to REA Planning Document Charge Questions (cont'd.) <ul style="list-style-type: none"> • Exposure Analysis • Human Health Risk Assessment 	Lead Discussants: Drs. Chris Frey, Lianne Sheppard Drs. David Peden, Frank Speizer, James Ultman, John Balmes,* Aaron Cohen,* Farla Kaufman*

*participating via teleconference

12:15 p.m.	Clarifying Public Comments on REA Planning Document	TBD
12:30 p.m.	Lunch	
1:30 p.m.	Writing Session by Subgroups on ISA	
2:30 p.m.	Summary of Major Findings and Recommendations on ISA	
	<ul style="list-style-type: none"> • Charge #1 - Executive Summary and Chapter 1 • Charge #2 - Chapter 2 – Atmospheric Chemistry and Ambient Concentrations of Sulfur Dioxides and Other Sulfur Oxides • Charge #3 - Chapter 3 – Exposure to Ambient Sulfur Dioxide • Charge #4 – Chapter 4 – Dosimetry and Mode of Action and Chapter 5 – Integrated Health Effects of Exposure to Sulfur Oxides • Charge #5 - Chapter 6 – Populations and Lifestages Potentially at Increased Risk for Health Effects Related to Sulfur Dioxide Exposure 	<p>Dr. Harkema</p> <p>Dr. Chow</p> <p>Dr. Sheppard</p> <p>Dr. Peden</p> <p>Dr. Wyzga</p>
3:15 p.m.	Summary and Action Items	Dr. Diez Roux
3:30 p.m.	Adjourn	Mr. Yeow