

AGENDA
U.S. Environmental Protection Agency
Clean Air Scientific Advisory Committee (CASAC)
Public Meeting at Marriott City Center
500 Fayetteville Street, Raleigh, North Carolina 27601
September 11 – 13, 2012

Purpose: CASAC, augmented with consultants, will conduct a peer review of EPA's *Integrated Science Assessment for Ozone and Related Photochemical Oxidants* (Third External Review Draft, June 2012), *Health Risk and Exposure Assessment for Ozone* (First External Review Draft, July 2012), *Welfare Risk and Exposure Assessment for Ozone* (First External Review Draft, July 2012) and *Policy Assessment for the Review of the Ozone National Ambient Air Quality Standards* (First External Review Draft, August 2012).

Tuesday, September 11, 2012

9:00 am	Convene Meeting Welcome	Dr. Angela Nugent, Designated Federal Officer, Science Advisory Board (SAB)Staff Office Dr. Vanessa Vu, Director, SAB Staff Office
9:05 am	Review of Agenda*	Dr. Jonathan Samet CASAC Chair

Integrated Science Assessment (9:15 am – 1:00 pm)

9:15 am	Agency Presentation on <i>Integrated Science Assessment (ISA)</i>	EPA National Center for Environmental Assessment: Dr. John Vandenberg Dr. Mary Ross Dr. James Brown
9:40 am	Public Comments	Registered Speakers
	<i>Panel Discussion of Integrated Science Assessment</i>	
	Preamble, Ch.1 (Summary) and Ch. 2 (Integrative Overview)	Dr. Christopher Frey Dr. Joseph Brain Dr. Kathleen Weathers
	Ch. 3 – Atmospheric Chemistry	Dr. Daniel Jacob Mr. George Allen Dr. Ted Russell Dr. David Chock
	Ch. 4 – Exposure	Mr. Ed Avol Dr. David Chock Dr. Helen Suh

* Breaks to be determined by the Chair.

Ch. 5 – Dosimetry	Dr. Jack Harkema Dr. Fred Miller Dr. James Ultman
Ch. 6 – 7 Health Effects	Dr. Michelle Bell Dr. Ana Diez-Roux Dr. Michael Foster Dr. Sverre Vedal
Ch. 8 – Populations at Risk	Dr. Ana Diez-Roux Dr. Jack Harkema Dr. James Ultman Dr. Steven Kleeberger
Ch. 9 – 10 – Environmental Effects	Dr. Kathleen Weathers Dr. Peter Woodbury Dr. Howard Neufeld Dr. David Grantz

1:00 pm Lunch

Tuesday, September 11, 2012

Health Risk and Exposure Assessment (1:450 – 5:00 pm)

1:40 pm	Overview of the NAAQS Review Process and Schedule	Ms. Lydia Wegman Office of Air Quality Planning and Standards
	Overview of the <i>Risk and Exposure Assessments</i> and <i>Policy Assessment</i>	Dr. Karen Martin Office of Air Quality Planning and Standards
2:00 pm	Agency Presentation on <i>Health Risk and Exposure Assessment</i>	Office of Air Quality Planning and Standards: Dr. Bryan Hubbell Mr. John Langstaff Dr. Zachar Pekar Ms. Karen Wesson
2:30 pm	Public Comments	Registered Speakers
3:10 pm	Panel Discussion of <i>Health Risk and Exposure Assessment</i>	
	Ch. 1 – 3 – Introduction, Conceptual Model and Scope	Dr. Fred Miller Dr. Ted Russell Dr. Joseph Brain
	Ch. 4 – Air Quality	Mr. George Allen Dr. Daniel Jacob Dr. David Chock
	Ch. 5 – Population Exposure	Dr. Helen Suh Dr. Michelle Bell

Dr. Ana Diez-Roux

5:00 pm Adjourn

Wednesday, September 12, 2012

Health Risk and Exposure Assessment continued (8:30am – 12:30 pm)

8:30am Panel Discussion of *Health Risk and Exposure Assessment for Ozone*

Ch. 6 – Controlled Human Exposure
Dr. Jack Harkema
Dr. James Ultman
Dr. Steven Kleeberger
Dr. Michael Foster

Ch. 7 – Epidemiology
Dr. Sverre Vedal
Dr. Diez-Roux
Dr. Fred Miller

Ch. 8 – National Scale Risk Assessment
Dr. Christopher Frey
Dr. Ted Russell
Mr. Ed Avol

Ch. 9 – Synthesis
Dr. Michelle Bell
Dr. Christopher Frey
Dr. Ted Russell

12:30 pm Lunch

Wednesday, September 12, 2012

Welfare Risk and Exposure Assessment (1:30 – 5:00 pm)

1:30 pm Agency Presentation on *Welfare Risk and Exposure Assessment*
Dr. Travis Smith
Office of Air Quality Planning and Standards

2:00 pm Public Comments
Registered Speakers

2:15 pm Ch. 1 – 3, Introduction, Conceptual Model & Scope
Dr. Kathleen Weathers
Dr. Peter Woodbury

Ch. 4 – Air Quality
Dr. Daniel Jacob
Dr. Ted Russell
Mr. George Allen

Ch. 5 – Ecological Effects
Dr. Kathleen Weathers
Dr. Howard Neufeld
Dr. David Grantz
Dr. Peter Woodbury

	Ch. 6 – Ecosystem Services	Dr. David Grantz Dr. Peter Woodbury Dr. Kathleen Weathers Dr. Howard Neufeld
	Ch. 7 – Synthesis	Dr. Howard Neufeld Dr. Kathleen Weathers
5:00 pm	Clarifying Comments from the Public	
5:30pm	Adjourn	

Thursday, September 13, 2012

Policy Assessment (8:30 am – 1:00 pm)

8:30am	Agency Presentation on <i>Policy Assessment</i>	Ms. Susan Stone Dr. Scott Jenkins Ms. Vicki Sandiford Office of Air Quality Planning and Standards
9:00 am	Public Comments	
9:10 am	Panel Discussion on <i>Policy Assessment</i>	
	Ch. 1 – Introduction	Dr. Daniel Jacob Mr. George Allen Dr. David Chock
	Ch. 2 – Overview of Health Evidence	Dr. Michelle Bell Dr. Sverre Vedal Dr. Jack Harkema Dr. Joe Brain
	Ch. 3 – Health Exposure and Risk Assessments	Dr. Helen Suh Dr. Michael Foster Dr. James Ultman
	Ch. 4 – Preliminary Conclusions on the Primary NAAQS	Dr. Chris Frey Mr. Ed Avol Dr. Fred Miller Dr. Ana Diez-Roux
	Ch. 5 – Welfare Evidence	Dr. Kathleen Weathers Dr. Peter Woodbury Dr. Howard Neufeld

Dr. David Grantz

Ch. 6 – Welfare Exposure
and Risk Assessments

Dr. Kathleen Weathers
Dr. Peter Woodbury
Dr. Howard Neufeld
Dr. David Grantz

Ch. 7 – Preliminary
Conclusions on the
Secondary NAAQS

Dr. Kathleen Weathers
Dr. Peter Woodbury
Dr. Howard Neufeld
Dr. David Grantz

12:30pm Clarifying Comments from the Public

1:00 pm Adjourn