

**US Environmental Protection Agency  
EPA Science Advisory Board  
Clean Air Scientific Advisory Committee (CASAC)  
Review Panel on Particulate Matter**

Meeting Location: Auditorium, US Environmental Protection Agency,  
109 TW Alexander Drive, Research Triangle Park, NC

**Public Meeting Agenda - Draft (7/12/02)**

**Thursday, July 18, 2002**

9:15 am	Introduction and Purpose of Meeting Committee Administration	Philip Hopke, CASAC Chair Robert Flaak, Designated Federal Official, CASAC
9:30	<i>Overview of Air Quality Criteria for Particulate Matter</i> (Third External Review Draft): Key Revisions & Issues	Lester Grant, EPA/NCEA

**Statistical Issues Affecting Chapter 8 & 9 Epidemiology Assessments**

10:00	- Overview of S-Plus Convergence and GAM Modeling Variance Estimation Issues	Lucas Neas, EPA/NHEERL
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**Invited Presentations**

10:20	- Health Effects Institute (HEI) - HEI Response to Statistical Issues - NMMAPS Mortality Reanalyses - NMMAPS Morbidity Reanalyses	Dan Greenbaum, HEI Francesca Dominici, Johns Hopkins Joel Schwartz, Harvard Univ.
11:20	- Harvard Six-Cities Reanalysis	Joel Schwartz,
11:35	- Canadian Studies & ACS Prospective Cohort Studies	Rick Burnett, Health Canada
12:00 pm	Lunch (Time approximate)	
1:00	- Reanalyses of 3-Cities Studies. - Simulation Analyses	Suresh Moolgavkar, AISI Mitch Klein, Emory Univ.
1:30	Committee Discussion of Statistical Issues and Impact on Chapter 8 & 9	CASAC Panel
2:30	Break	

### **Public Comment Period**

2:45 Introduction to Public Comment Period Robert Flaak

2:50 Public Comment period – See Attached List of Speakers and Speaker Information Sheet

5:00 Recess (Time Approximate)

6:30 Dinner at the Capital City Chop House

### **Friday, July 19, 2002**

8:30 am Opening Remarks Philip Hopke  
Robert Flaak

Wrap-up of Discussion on Chapters 8 and 9

### **Review of Chapters 1 through 7**

9:30 CASAC Review of *Air Quality Criteria for Particulate Matter (Third External Review Draft)* CASAC Panel  
Chapters 1 through 7 (Short Break when Appropriate)

#### Review Assignments for Panelists (P = Primary Reviewer)

Chapter 1 - All

Chapter 2 - Zielinska (P), Koutrakis, Poirot, W. White

Chapter 3 - Poirot (P), Legge, Zielinska, Lioy, W. White, Wolff

Chapter 4 - Taylor (P), Legge, Rowe, W. White, Poirot

Chapter 5 - Lioy & Koutrakis (P), Samet, Speizer, Zielinska

Chapter 6 - Miller (P), Mauderly, McClellan, Oberdoerster

Chapter 7 - Miller (P), Mauderly, Lippmann, McClellan, Oberdoerster, Speizer

12:00 Noon Lunch (Time approximate)

1:00 CASAC Review of *Air Quality Criteria for Particulate Matter (Third External Review Draft)* CASAC  
Chapters 1 through 7 (Continued)

(Short Break when Appropriate)

3:00 Chairmans's Summary on the CASAC Review of *Air Quality Criteria for Particulate Matter* Philip Hopke

3:30 Status of the Particulate Matter (PM) National Ambient Air Quality Standards (NAAQS) Staff Paper Review and Standards (OAQPS) Karen Martin, Office of Air Quality Planning

4:00Adjourn (Time Approximate)

**Draft Public Speakers List**  
**Clean Air Scientific Advisory Committee Meeting - July 18-19, 2002**  
**U.S. EPA Particulate Matter NAAQS Review**

*[Speakers will speak in order listed - maximum of ten minutes per sponsoring organization]*

#	Sponsoring Organization (10 minutes each)	Speakers Name	Organizational Affiliation of Speaker	Date Registered
<b>Speakers Registering by the July 10<sup>th</sup> Deadline</b>				
1	American Lung Association (ALA)	Ms. Deborah Shprentz	American Lung Association (ALA)	June 5
2	Southern Company Services, Inc.	Dr. Rebecca Klemm	Klemm Analysis Group	June 19
3	Utility Air Regulatory Group (UARG)	Dr. Michael Goodman	Hunton & Williams	June 20
4	A.S.L. & Associates	Dr. Allen Lefohn	A.S.L. & Associates	June 21
5	Annapolis Center & Dr.Lipfert	Dr. Fred Lipfert	Environmental Consultant	June 23
6	Electric Power Research Institute (EPRI)	Dr. Ron Wyzga	Electric Power Research Institute (EPRI)	June 24
7	Edison Electric Institute (EEI)	Dr. Anne E. Smith	Charles River Associates	June 25
8	American Iron and Steel Institute (AISI)	Dr. Suresh Moolgavkar	American Iron and Steel Institute (AISI)	June 26
9	National Mining Association; National Stone Sand and Gravel Association; and Industrial Minerals Association	Dr. Jay Turim	Sciences International, Inc.	June 28
		Dr. John Richards	Air Control Techniques, Inc.	
10	Engine Manufacturers Association (EMA)	Dr. Ferdinand Venditti, Jr	Albany Medical College, Department of Medicine	July 3
11	General Motors (GM)	Mr. Jon Heuss	Air Improvement Resource, Inc.	July 3
12	Alliance of Automobile Manufacturers (AAM)	Dr. Laura Green	Cambridge Environmental, Inc.	July 8
<b>Speakers Registering After July 10<sup>th</sup> Deadline</b> (will be accommodated if time permits at discretion of CASAC Chair)				
13	BP West Coast Products LLC	Mr. Robert Hermanson	BP West Coast Products LLC	July 11

## **General Information to those providing Public Comments at the July 18-19, 2002 Clean Air Scientific Advisory Committee (CASAC) Meeting on *Particulate Matter (PM)***

**Background:** Under the Federal Advisory Committee Act (FACA), Federal advisory committees (such as CASAC) are required to accept written comments from the interested public. This provides the interested (and often affected) public with an opportunity to present information and points of view to an advisory committee as that advisory committee deliberates on issues presented to it for advice. In addition to accepting written comments of any length as required by FACA, it is the custom of the EPA Science Advisory Board (SAB) and the Clean Air Scientific Advisory Committee (CASAC) to also accept brief oral comments at their meetings. For details on the July 18-19, 2002 meeting, please see 67 Federal Register 41722-41724, June 19, 2002. The CASAC will meet again on these issues next year.

**Oral Comments:** It is our normal policy to allocate a portion of our meetings for oral comment. In most cases, where few speakers are expected, we allow each interested organization or individual a time period of no more than 10-minutes to present summary views during each meeting. For meetings on controversial issues, or where large numbers of presenters may request speaking time, we are often forced to reduce the time each individual or organization may speak in order to accommodate everyone, while still giving the review panel sufficient time to address the issues under review. For this meeting, we have allocated a maximum of three (3) hours for the public comment period. As of the close of the speakers registration period (noon, Wednesday, July 10, 2002), twelve organizations had registered for speaking time, totaling two hours at ten minutes each. Each organization/speaker will receive a total of ten minutes for their summary comments and any discussion or questions. To the extent practicable, we will accommodate all speakers that have registered and who wish to speak (One speaker registered late and is a standby speaker). To allow each a fair and equal opportunity to be heard, we will follow the following procedures:

a) Each of the speakers may have no more than ten (10) minutes to summarize their views - this can be supplemented by any amount of written testimony. Questions and discussion are part of the 10 minutes allocated to each speaker, therefore, please incorporate that in your planning.

b) Speakers may not “give” their registered time to another speaker to extend that speakers’ time. This is done to maintain fairness so that each registered speaker has a similar (and equal) opportunity to speak.

c) Speakers not on the registered speaker list at the time the Agenda is finalized [at noon ET, Monday, July 15, 2002] may not be able to make a presentation at the meeting. Changes are at the discretion of the CASAC Chair and are normally based on available time at the meeting.

d) The public comment period at the meeting will begin on or about 2:45 pm on Thursday July 18, 2002. The comment period will end on or about 5:00 pm. Speakers will speak in the order they are listed on the attached speaker list. Please be prompt and do not extend your presentation into the next speaker’s time.

e) As usual, Speakers may speak from the podium, a seat at the table, or while standing. A microphone, large screen, overhead projector, computer projector, and 35mm slide projector will be available for your use. Please be sure we know ahead of time what your needs are.

f) Speakers should give copies of their presentation materials (copies of overheads, etc.) to the CASAC DFO prior to making their presentation.

We expect that oral summary comments will highlight the most important scientific and technical issues of concern to the speaker AND which are relevant to the issue under review. Normally, such oral comments will usually be supplemented by more detailed written comments. Comments should not repeat comments previously presented before the CASAC or SAB. We will strictly monitor the time allocated to per speaker, so be sure that speakers are succinct and focus on the most important issues you wish to raise. Use written materials to supplement or complement your oral presentation. If you desire to engage the Committee in some discussion of a major point during your presentation, please leave some of your time for that purpose. If you use overheads, please bring sufficient copies for the Committee and at least some for the other members of the public (usually 35 copies is appropriate).

**Written Comments:** Written comments of any length will be accepted through Friday, July 19, 2002 - close of the meeting. Written comments received sufficiently prior to the meeting are sent to the Committee in advance of the meeting. If sufficient copies are provided by the authors at the meeting, copies will be provided to the Committee at that time -- otherwise they will be copied and distributed afterwards. Comments are preferred via email to [flaak.robert@epa.gov](mailto:flaak.robert@epa.gov)

Please address any comments or questions to:

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