

Atmospheric Composition Outstanding Questions

Day 1 6 May 2014

9:00 Welcome
 Steve Hipskind, Chief, Earth Science Division
 NASA Ames

9:10 Introduction
 Michael Coffey, NASA , HQ
 Statement of purpose
 Format
 Product

Research Area Summaries

9:30 **Stratospheric composition**
 RuShan Gao NOAA
 Karen Rosenlof NOAA

10:15 **Aerosols**
 Jeff Reid NRL
 Cari Dutcher University of Minnesota

11:00 Break

11:15 **Atmosphere-Surface exchange**
 Javier Fochesatto University of Alaska
 Jose Fuentes Penn State University

12:00 **Convection**
 Robert Houze University of Washington
 Mary Barth NCAR

12:45 Lunch -----

13:45 **Tropospheric composition**
 Daniel Jacob Harvard University
 Emily Fischer Colorado State University

14:30 **Clouds**
 Jay Mace University of Utah
 Steve Massie NCAR

15:15 Break

15:30 **Atmospheric circulation**

Paul Newman
Walt Robinson

NASA GSFC
North Carolina State University

16:15

Radiative balance

Bruce Wielicki
Paquita Zuidema

NASA LaRC
University of Miami

17:00

Adjourn

Atmospheric Composition Outstanding Questions

Day 2

7 May 2014

8:30

Convene
Questions

8:45

Divide into Interest Groups
Stratospheric Composition
Aerosols
Convection
Atmosphere-Surface Exchange

12:45

Lunch

14:00

Radiative balance
Tropospheric Composition
Clouds
Atmospheric Circulation

18:00

Adjourn

Atmospheric Composition Outstanding Questions

Day 3 8 May 2014

8:30 Plenary meeting

30 minute maximum report by each chair, answer:

Have questions and missing observations been identified?

Are there overlapping or cross-cutting questions?

12:30 Adjourn Main Meeting

Lunch

13:30 Writing of drafts by Surveyors and Rapporteurs

17:00 Adjourn

Workshop on Outstanding Questions NASA Ames May 2014

	Stratospheric Composition	Tropospheric composition	Atmosphere- surface exchange	Convection	Clouds	Aerosols	Radiative balance	Atmospheric circulation
Surveyor	R. Gao	D. Jacob	J. Fochesatto	R. Houze	J. Mace	J. Reid	B. Wielicki	P. Newman
Rapporteur	K. Rosenlof	E. Fischer	J. Fuentes	M. Barth	S. Massie	C. Dutcher	P. Zuidema	W. Robinson