

NOAA ESRL GLOBAL MONITORING DIVISION REVIEW

May 21-24, 2018

David Skaggs Research Center (DSRC), Room GC-402
325 Broadway, Boulder, Colorado 80305

GMD Review AGENDA

Monday, May 21, 2018

- Morning*** *Millennium Hotel, informal breakfast buffet at restaurant “Thyme on the Creek” or other*
- 0945–1015** Review Panel to be picked up at 0945 (look for Chevy Equinoxes), main Millennium entrance
Security check-in at David Skaggs Research Center (DSRC); proceed to Room GC-402
- Session A*** ***Welcome to Review and Overview***
- 1015–1020 Welcome and Logistics
Russell Schnell, GMD Deputy Director of Science
- 1020-1045 Introduction of Review Panel; Charge to Reviewers; Overview of NOAA and OAR Research
Robert Webb, ESRL Director
- 1045-1130 ESRL GMD Overview
James Butler, GMD Director
- 1130-1145 CIRES Overview
Waleed Abdalati, CIRES Director
- 1145-1300** ***Lunch meeting (closed), GB-124 - Reviewers and OAR Leadership***
– Charge to reviewers, internal discussion – OAR AA, OAR DAA, Review Panel
- Session B*** ***GMD’s Research Themes***
- 1300-1350 **Theme 1: Tracking Greenhouse Gases and Understanding Carbon Cycle Feedbacks**
Arlyn Andrews, Scientist, Carbon Cycle Greenhouse Gases Group
- 1350-1430 **Theme 2: Monitoring and Understanding Changes in Surface Radiation, Clouds, and Aerosol Distributions**
Allison McComiskey, Chief, Global Radiation Group
- 1430-1445** ***Afternoon Break***
- 1445-1525 **Theme 3: Guiding Recovery of Stratospheric Ozone**
Steve Montzka, Scientist, Halocarbons Group
- 1525-1640 ***Concurrent tours of GMD Facilities***
- James Butler, GMD Director
- Russell Schnell, GMD Deputy Director of Science
- Session C*** ***GMD’s Supporting Infrastructure***
- 1640-1705 **Calibrations and Standards**
Brad Hall, Scientist, Halocarbons Group
- 1705-1730 **Atmospheric Baseline Observatories**
Brian Vasel, Chief, Observatory Operations
- 1745 Vehicles pick up Review Panel at DSRC main entrance to return to Millennium
- 1800-2000 **Icebreaker Reception** including food and refreshments - Millennium Patio

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May 22, 2018

David Skaggs Research Center, Room GC-402
325 Broadway, Boulder, Colorado 80305

GMD Review AGENDA

Tuesday, May 22, 2018

0700-0730 *Millennium Hotel, informal breakfast buffet at Thyme on the Creek*

0745 Review Panel to be picked up at 0745 (look for Chevy Equinoxes) - double doors to left of Millennium main entrance - transit to DSRC

0745-0830 ***DSRC check-in and morning snacks – coffee, tea, fruit, bagels, donuts at GMAC***

• **Session 1**

0830-0945 **Introduction, Keynote Address, and Setting the Stage**

0945-1015 *Morning Break*

• **Session 2**

1015-1145 **Tracking Greenhouse Gases and Understanding Carbon Cycle Feedbacks**

1145-1300 ***Lunch (closed) with Review Panel and Theme 1 Scientists – 2C-406***

GMD Scientists: CCGG – Arlyn Andrews, Lori Bruhwiler, Andrew Crotwell, Andy Jacobson, John Miller, Gaby Petron, Colm Sweeney; OZ WV – Dale Hurst

• **Session 3**

1300-1430 **Monitoring and Understanding Changes in Surface Radiation, Clouds, and Aerosol Distributions**

1430-1500 *Afternoon Break*

• **Session 4**

1500-1645 **Guiding Recovery of Stratospheric Ozone**

1700-1930 ***Poster Session - food and refreshments - DSRC Cafeteria
Discussion with stakeholder poster presenters***

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May 23, 2018

David Skaggs Research Center, Room GC-402
325 Broadway, Boulder, Colorado 80305

GMD Review AGENDA

Wednesday, May 23, 2018

0700-0730 *Millennium Hotel, informal breakfast buffet at Thyme on the Creek*

0745 Review Panel to be picked up at 0745 (look for Chevy Equinoxes) - double doors to left of Millennium main entrance - transit to DSRC

0745-0830 *Morning coffee, tea, fruit, bagels, donuts (demonstration projects displayed in atrium)*

• **Session 5**

0830-0945 **Tracking Greenhouse Gases and Understanding Carbon Cycle Feedbacks**

0945-1015 *Morning Break (demonstration projects on display in atrium near cafeteria)*

• **Session 6**

1015-1145 **Tracking Greenhouse Gases and Understanding Carbon Cycle Feedbacks**

1145-1300 *Lunch (closed) with Review Panel and Theme 2/3 Scientists – 2C-406*

GMD Scientists: Aerosols - Betsy Andrews; G-RAD - Gary Hodges, Kathy Lantz; HATS - Brad Hall, Stephen Montzka; OZWV – Glen McConville, Bryan Johnson; OBOP – Christy Schultz

• **Session 7**

1300-1430 **Monitoring and Understanding Changes in Surface Radiation, Clouds, and Aerosol Distributions**

1430-1500 *Afternoon Break (demonstration projects on display in atrium near cafeteria)*

• **Session 8**

1500-1645 **Cross-cutting Topics – Water Vapor, Tropospheric Ozone, and Other Measurements**

1700-1815 *Feedback session (closed) – LO reps, OAR and GMD Mgmt Staff, Chiefs – cafeteria*

Participants: Don Hillger (NESDIS), Alisa Young (NESDIS), Craig Long (NWS), Ivanka Stajner (NWS), CDR Catherine Martin (OMAO), Ko Barrett, James Butler, Russell Schnell, Diane Stanitski, James Elkins, Allison McComiskey, Irina Petropavlovskikh, Patrick Sheridan, Pieter Tans, Brian Vasel

1700-1815 *Review Panel (closed session) – GB-124*

1830-2030 *Dinner (closed) Carelli's – Reviewers, OAR AA & DAA, GMD Mgmt, Group Chiefs*

Participants: Reviewers, Ko Barrett, John Holdren, James Butler, Waleed Abdalati, Russell Schnell, Diane Stanitski, Arlyn Andrews, James Elkins, Allison McComiskey, Irina Petropavlovskikh, Brian Vasel

NOAA ESRL GLOBAL MONITORING DIVISION REVIEW

May 24, 2018

David Skaggs Research Center, Room GC-402
325 Broadway, Boulder, Colorado 80305

GMD Review AGENDA

Thursday, May 24, 2018

- 0700-0730** *Millennium Hotel, informal breakfast buffet at Thyme on the Creek*
- 0745** Review Panel to be picked up at 0745 (look for Chevy Equinoxes) - double doors to left of Millennium main entrance - transit to DSRC
- 0800** ***Session begins in conference room GC-402***
- Session D*** ***Reviewer Closed Session***
- 0800-0830 Open reviewer session with GMD Staff
- 0830-0915 Reviewer session with GMD Management Staff, Group Chiefs and OAR Management for review summary, Q&A
Participants: Reviewers, Ko Barrett, James Butler, Russell Schnell, Diane Stanitski, James Elkins, Allison McComiskey, Irina Petropavlovskikh, Patrick Sheridan, Pieter Tans, Brian Vasel
- 0915-1000 Reviewer closed session; team formulates recommendations and begins writing (breaks as needed)
- 1000-1015** *Morning Break with refreshments*
- Session E*** ***Reviewer Closed Session (cont'd)***
- 1015-1115 Reviewer closed session; team formulates recommendations and begins writing (breaks as needed)
- 1115-1215 Review team provides preliminary feedback to OAR and GMD Management
- 1215-1230 Closing Remarks
- 1230-1315** ***Lunch*** - Reviewer's executive lunch in conference room
GMD Review complete