

**NOAA AOML REVIEW**  
4-6 March 2014  
AOML First Floor Conference Room  
4301 Rickenbacker Causeway, Miami, Fla. 33149

**Final Agenda**

***Tuesday, 4 March***

**07:00-08:00** *Informal breakfast for Reviewer Panel, Robert Detrick and Steve Fine at hotel Table is reserved at the bistro restaurant in the lobby of the Marriot Courtyard.*

**08:00** Reviewers are transported to AOML  
Meet at front door of hotel, NOAA vehicles will leave at 08:00.

***Session 1 Welcome and Overview***

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08:00 – 08:45 Check-in and registration (including pre-payment for lunch and breaks)

08:45 – 8:55 Welcome and Introductions  
*Dr. Robert Detrick, Assistant Administrator, OAR*

08:55 – 09:15 Overview of NOAA/OAR Research  
*Dr. Steven Fine, Deputy Assistant Administrator, Laboratories and Cooperative Institutes*

09:15 – 09:45 AOML Overview  
*Dr. Robert Atlas, Director, NOAA AOML*

09:45 – 09:55 Logistic Details, Safety Briefing, Updates  
*Dr. Alan Leonardi, Deputy Director, NOAA AOML*

**09:55 – 10:10 *Morning Break***

***Session 2 Theme 1 Presentations: Oceans and Climate (Including Observations)***

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10:10 – 10:20 Overview – *Dr. Gustavo Goni, PhOD Division Director*

10:20 – 10:40 Using Observations and Models to Better Understand the Meridional Overturning Circulation (MOC) – *Dr. Molly Baringer*

10:40 – 10:55 Ocean Circulation Links to Global Sea Surface Temperature Biases in Climate Models – *Dr. Chunzai Wang*

10:55 – 11:10 Climate and the Tropical Atlantic – *Dr. Rick Lumpkin*

- 11:10 – 11:25 Studies of Regional Ocean Dynamics and Variability – *Dr. Denis Volkov*
- 11:25 – 11:40 Ocean Observing System Simulation Experiments – *Dr. George Halliwell*
- 11:40 – 11:55 Springtime ENSO Phase Evolution and U.S. Tornado Outbreaks – *Dr. Sang-Ki Lee*

### ***Lunch***

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- 12:00 – 13:00 Reviewers & OAR and AOML leadership  
(AOML library)
- 13:00 – 13:40 Summary and Discussion of Theme 1 Presentations  
(AOML Conference room)

### ***Session 3 Theme 2 Presentations: Coastal Oceans and Ecosystems***

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- 13:45 – 14:10 Overview – *Dr. Jim Hendee, Acting OCED Division Director*
- 14:10 – 14:30 Changing Levels of Oceanic Carbon Dioxide – *Dr. Rik Wanninkhof*
- 14:30 – 14:50 Quantifying Climate Change and Ocean Acidification Impacts to US Coral Reefs – *Dr. Derek Manzello*
- 14:50 – 15:10 Research to Support Ecosystem-Based Management – *Dr. Chris Kelble*
- 15:10 – 15:30 The Florida Area Coastal Environment – *Mr. Jack Stamates*
- 15:30 – 15:50 Molecular & Environmental Microbiology to Explore Biodiversity, Understand Ecological Function, and Protect Health – *Dr. Kelly Goodwin*
- 15:50 – 16:10 Afternoon Break***
- 16:10 – 16:55 Summary and Discussion of Theme 2 Presentations

### ***Session 4 Reviewer Work Session***

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- 17:00** – 17:45 Reviewer closed session in Conference room
- 17:45 Adjourn Reviewers are shuttled back to the hotel (transportation provided)

### ***Dinner***

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- 19:00 Open dinner with Reviewers, OAR & AOML leadership  
(Peacock Garden Cafe, 2889 McFarlane Rd, Coconut Grove, FL 33133)

## ***Wednesday, 5 March***

**07:00-08:00**      *Breakfast at hotel (closed for reviewers)*

**08:00**              Transportation to AOML for reviewers (NOAA vehicles at front of hotel)

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### ***Session 5              Theme 3 Presentations: Hurricanes and Tropical Meteorology***

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**08:30 – 08:55**      *Overview – Dr. Frank Marks, HRD Division Director*

08:55 – 09:15      *Using Observations and Models to Better Understand and Predict Hurricanes  
– Dr. Robert Rogers*

09:15 – 09:35      *Model Advancements and Challenges in Tropical Cyclone Structure and  
Intensity Predictions – Dr. Sundaraman Gopalakrishnan*

09:35 – 09:55      *Data Assimilation for Tropical Cyclones – Dr. Tomislava Vukicevic*

09:55 – 10:15      *Tropical Cyclone Dynamics and Interactions with Storm Environment –  
Dr. Paul Reasor*

10:15 – 10:35      *Optimizing Observations and Observing Strategies to Better Evaluate and  
Improve Model Physical Processes – Dr. Joe Cione*

**10:35 – 10:50**      ***Morning Break***

10:50 – 11:30      *Summary and Discussion*

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### ***Session 6              Lunch/roundtable for Reviewers and invited AOML bench and junior scientists***

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11:30 – 12:30      *In Library (no management at this session)*

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### ***Session 7              Stakeholder telephone calls (~6 stakeholders)***

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12:30- 14:00      *Closed session with Reviewers & phone assistants, in Conference room*

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### ***Laboratory Tour and Posters for OAR and LO guests***

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12:30- 14:00      *Laboratory Tour and Posters session for guests from OAR HQ and Line  
Offices; meet in the AOML lobby to be divided into tour groups*

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### ***Session 8              Laboratory Tour and Posters for Reviewers***

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14:00 – 15:30      *Laboratory Tour and Posters*

**15:30– 15:45**      *Afternoon break*

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***End of Public Review Session***

***Session 9***      ***Reviewer Closed Session***

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15:45 – 17:00      Reviewer closed session (first floor conference room)

***Feedback session for OAR and LO guests & AOML management***

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15:45 – 17:00      *AOML Directors and OAR Management and LO reps (AOML library)*

17:00      Adjourn and shuttle to hotel for reviewers

***Dinner***

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19:00      Reviewers' executive dinner (location TDB by reviewers, no NOAA participation)

***Thursday, 6 March***

**07:00-08:00**      *Breakfast at Hotel (Reviewers only)*

**08:00**      Transportation to NOAA for reviewers (van at front of hotel)

***Session 10***      ***Conclusion and AOML Review Summary***

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08:30 – 08:50      Review Summary  
*Dr. Robert Atlas, AOML Director*

08:50 – 09:45      Opportunity for final questions, clarifying points, etc. between Reviewers and AOML leadership

***Session 11***      ***Reviewer Comments***

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09:45 – 12:00      Review team formulates recommendations and begins writing (closed meeting)

***Session 12***      ***Lunch and Preliminary Feedback Session***

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Review team provides preliminary feedback to OAR and AOML leadership (AOML Conference Room)

**13:00**      ***Adjourn***