

AOML Review Agenda

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Day 1: November 19, 2019

7:00 am to 7:40 am	Informal breakfast buffet for review panel and OAR leadership, at Mayfair Hotel: KENTIA III meeting room
7:50 am	Reviewers meet OAR staff in lobby to transit to AOML
7:45 am to 8:30 am	Registration and coffee

Session 1: Welcome, Scope of Work, and AOML overview

8:30 am to 8:40 am	Welcome and introductions John Cortinas, PhD, AOML Director
8:40 am to 8:50 am	Logistics, Safety Briefing Updates Molly Baringer, PhD, AOML Deputy Director

8:50 am to 9:05 am	Overview of NOAA Research and Charge to Reviewers Gary Matlock, Ph.D, Deputy Assistant Administrator, Laboratories and Cooperative Institutes
9:05 am to 9:15 am	Portfolio Steward Overview Wayne Higgins, Climate Portfolio Steward - <i>presenting remotely</i>
9:15 am to 9:20 am	Video: Welcome to AOML
9:20 am to 9:45 am	AOML Overview John Cortinas, PhD, AOML Director
9:45 am to 10:00 am	break

Session 2: Hurricane Research and Modeling

10:00 am to 10:20 am	Overview of Hurricane Research and Modeling Frank Marks, ScD, Hurricane Research Division Director
10:20 am to 11:00 am	<p>Hurricane Research and Modeling Lightning Science Presentations</p> <p><i>Tropical cyclone observations from NOAA's hurricane field program</i> John Zawislak, PhD (CIMAS)</p> <p><i>Development of new technologies for real-time monitoring of tropical cyclone intensity, structure, and environment</i> Jason Dunion, PhD (CIMAS)</p> <p><i>Using airborne observations to better characterize and understand the physical processes of tropical cyclones</i> Rob Rogers, PhD (AOML/HRD)</p> <p><i>Optimizing observing systems strategies for tropical cyclone applications</i> Lidia Cucurull, PhD (AOML/HRD)</p> <p><i>Leveraging partnerships to improve assimilation of reconnaissance data</i> Jason Sippel, PhD (AOML/HRD)</p> <p><i>Advances in Tropical Cyclone Forecast Modeling Systems</i> S. Gopalakrishnan, PhD (AOML/HRD)</p> <p><i>Advances in model evaluation of tropical cyclone track, intensity, and structure forecasts</i> Gus Alaka, PhD (AOML/HRD)</p> <p><i>Partnerships supporting transitions to operations</i> Shirley Murillo (AOML/HRD)</p>

11:00 am to 11:15 am	Clarifying Questions
11:15 am to 11:45 am	Scenario of real time field observations, data assimilation and model runs
11:45 am to 12:15 pm	Hurricane Research and Modeling Discussion

Lunch

12:20 pm to 1:00 pm	Reviewers, OAR and AOML leadership, Line Office guests in AOML library
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Session 3: Physical Oceanography and its Impact on Weather and Climate

1:15 pm to 1:35 pm	<p>Overview of Physical Oceanography and its Impact on Weather and Climate Gustavo Goni, PhD, Physical Oceanography Division Director</p>
1:35 pm to 2:25 pm	<p>Physical Oceanography Studies Lightning Science Presentations</p> <p><i>Contributions to the Global Ocean Observing System</i> Rick Lumpkin, PhD (AOML/PHOD)</p> <p><i>Meridional Overturning Circulation in the Atlantic Ocean</i> Denis Volkov, PhD (CIMAS)</p> <p><i>Ocean Transport Monitoring</i> Shenfu Dong, PhD (AOML/PHOD)</p> <p><i>The Meridional Overturning Circulation and extreme weather events</i> Hosmay Lopez, PhD (AOML/PHOD)</p> <p><i>The Tropical Atlantic Observing System</i> Renellys Perez, PhD (AOML/PHOD)</p> <p><i>The Oceans and Ecosystems</i> Sang-Ki Lee, PhD (AOML/PHOD)</p> <p><i>Ocean Studies and Monitoring for Hurricane Forecasts</i> George Halliwell, PhD (AOML/PHOD)</p> <p><i>Assessment of Attributions of Sea Level Changes in the US</i> Ricardo Domingues (CIMAS)</p>

2:25 pm to 2:40 pm	Clarifying Questions
2:40 pm to 3:10 pm	Engineering facility tour + pm snack
3:10 pm to 3:40 pm	Physical Oceanography and its Impact on Weather and Climate Discussion

Session 4: Reviewer Closed Session

3:45 pm to 4:15 pm	Reviewer Closed session
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Evening Activities

4:15 pm	Reviewers walk to RSMAS campus, tour Experimental Reef Lab in MTLSS facility
4:45 pm to 6:15 pm	AOML awards ceremony and reception with AOML staff all review participants at RSMAS Commons (Salt waterfront restaurant)
6:30 pm to 8:00 pm	Dinner for review team: Line Office guests, OAR and AOML leadership, and review staff at SALT waterfront restaurant

Day 2: November 20, 2019

7:50 am	Reviewers meet OAR staff in lobby to transit to AOML
7:50 am to 8:05 am	Reviewers are transported to AOML
8:00 am to - 8:30 am	Coffee and breakfast bites
8:30 am to 8:45 am	Day 1 Recap and Day 2 agenda/logistics review Molly Baringer, PhD, AOML Deputy Director

Session 5: Ocean Chemistry and Ecosystems

8:45 am to 9:05 am	Overview of Ocean Chemistry and Ecosystems
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	Jim Hendee, PhD, Ocean Chemistry and Ecosystems Division Director
9:05 am to 9:55 am	<p>Ocean Chemistry and Ecosystems Lightning Science Presentations</p> <p><i>From Atmosphere to Ocean; tracking carbon via ships</i> Denis Pierrot, PhD (CIMAS)</p> <p><i>Understanding Ocean Acidification on the regional scale in the Atlantic Ocean and Gulf of Mexico</i> Leticia Barbero, PhD (CIMAS)</p> <p><i>Technologies to monitor and protect coral reefs in an era of global change</i> Ian Enochs, PhD (AOML/OCED)</p> <p><i>In-situ climate change & ocean acidification monitoring of US coral reefs</i> Derek Manzello, PhD (AOML/OCED)</p> <p><i>Global climate predictions for coral reef ecosystems</i> Ruben van Hoodonk, PhD (CIMAS)</p> <p><i>'Omics: New technologies to address the NOAA mission</i> Kelly Goodwin, PhD (AOML/OCED)</p> <p><i>Collaborative Red Tide research to improve community resilience</i> Chris Kelble, PhD (AOML/OCED)</p> <p><i>Using Integrated Ecosystem Assessments to improve resource management</i> Kelly Montenero (CIMAS)</p>
9:55 am to 10:10 am	Clarifying Questions
10:10 am to 10:25 am	break
10:25 am to 10:55 pm	Laboratory Tours for review panelists
10:55 am to 11:25 pm	Ocean Chemistry and Ecosystems discussion

Session 6: Physical Assets Supporting Science

11:30 am to 11:50 pm	Overview of AOML physical infrastructure management plans LCDR Andrew Colegrove, AOML Associate Director
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Lunch

12:00 am to 1:15 pm	Reviewers and AOML early career employees, in AOML library (all other attendees eat lunch in lobby and buoy staging area, or on your own)
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Session 7: Stakeholder Feedback (Closed Session for Review Panelists)

1:15 pm to 1:30 pm	Preparation for closed session with stakeholders
1:30 pm to 2:45 pm	Concurrent stakeholder feedback sessions
2:45 pm to 3:00 pm	break

Session 7 (Concurrent): Lab tours and poster session for OAR and Line Office guests

1:00 pm to 2:00 pm	Line office and OAR guests tour AOML laboratory spaces
2:00 pm to 3:00 pm	Poster session opens for Line office and OAR guests

Session 8: Poster Session for reviewers

3:00 pm to 4:00 pm	Poster session for reviewers - all divisions represented (AOML lobby)
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Session 9: CIMAS Partnerships

4:00 pm to 4:10 pm	Video: CIMAS and NOAA partnerships
4:10 pm to 4:25 pm	<i>Partnership with the University of Miami's Cooperative Institute for Marine and Atmospheric Studies (CIMAS)</i> Ben Kirtman, PhD, CIMAS Director
4:25 pm	CIMAS Lighting presentation: <i>The Value of Improved Hurricane Forecasts</i> David Letson, PhD (Univ. of Miami, CIMAS Fellow)

Session 10: Reviewer Closed Session

4:30 pm to 5:00 pm | Reviewer closed session

Evening Activities

5:00 pm | Reviewers transit back to hotel

7:00 pm | Reviewers executive dinner (closed)
location near hotel chosen by reviewers

All other attendees, dinner on your own

Day 3: November 21, 2019

7:50 am | Reviewers meet OAR staff in lobby to transit to AOML

7:50 am to 8:05 am | Reviewers are transported to AOML

8:00 am to 8:30 am | Coffee and breakfast bites

Session 11: Conclusion and Feedback

8:30 am to 8:40 am | Day 2 Recap and Day 3 agenda/logistics review
Molly Baringer, PhD, AOML Deputy Director

8:40 am to 9:00 am | Review Summary
John Cortinas, PhD, AOML Director

9:00 am to 10:00 am | Opportunity for final questions, clarifying points, etc. between Reviewers and AOML leadership

10:00 am to 12:00 pm | Closed session: Review team formulates recommendations and drafts initial comments (conference room)

OAR leadership and Line Office Representatives provide informal feedback to AOML leadership (AOML library)

12:00 to 1:00 pm

Lunch and preliminary feedback to OAR and AOML leadership

1:00 pm

Adjourn