

Global Monitoring Division

OAR and GMD Management

Welcome Presentations

2013-2017 Review

May 21-24, 2018



Contents:

- Craig McLean, OAR Assistant Administrator
- James Butler, Director, Global Monitoring Division
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NOAA & OAR Approaches To Research Planning



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May 21, 2018

NOAA'S NEXT GENERATION STRATEGIC PLAN GOALS

Healthy Oceans



Weather Ready Nation



Climate Adaptation & Mitigation

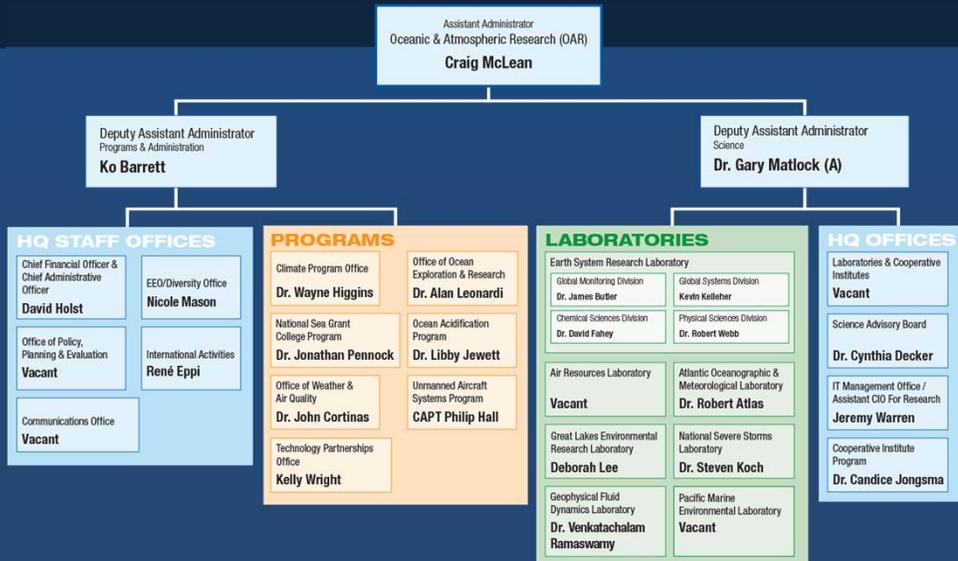


Resilient Coastal Communities & Economies



SCIENCE & TECHNOLOGY

NOAA'S ORGANIZATION



OAR'S VISION & MISSION

To Deliver NOAA's Future.

VISION

Conduct research to understand and predict the Earth's oceans, weather and climate, to advance NOAA science, service and stewardship and transition the results so they are useful to society.

MISSION

NOAA'S FUNDING PROCESS



OUR RESEARCH PORTFOLIOS

**WEATHER &
AIR QUALITY**



CLIMATE



**OCEAN &
COASTAL
RESOURCES**



NOAA'S PRIORITIES

WEATHER & WATER



BLUE ECONOMY



NOAA Global Monitoring Division 5-Year Review

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OAR CORPORATE PRIORITIES

1	Long-term observations	Sustain the long-term observations of the Earth System that are needed to fulfill NOAA's mission.
2	Weather forecasting & climate predictions	Improve the accuracy of weather forecasting and climate predictions/projections to protect lives, property, and promote economic prosperity.
3	Environmental information	Provide the environmental information needed by decision makers and other stakeholders in planning, management and investment decisions.
4	Ocean Exploration	Sustain and enhance national ocean exploration and research infrastructure to better understand the characteristics of ocean and coastal areas and the resources contained within them.
5	Ecosystem processes & change	Provide the essential scientific understanding of ecosystem processes and change necessary for the informed management, use and preservation of oceanic, marine and coastal areas and the Great Lakes.
6	Marine resources management	Enhance marine resources management, including fisheries management, aquaculture, and off-shore energy and mineral resource management.
7	Early Warning information	Detect, and provide early warning information for ocean, weather and climate events with adverse impacts on society.

NOAA Global Monitoring Division 5-Year Review

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GMD IS THE GO TO PLACE FOR ATMOSPHERIC COMPOSITION OBSERVATIONS

Only sources of long-term observations

Highest quality observations & standards

Respect of global & domestic community



GMD FOR U.S.

- USGCRP
- NCA ASSESSMENT
- INTERAGENCY COOPERATION



GMD FOR INTERNATIONAL

- IPCC
- WMO GAW
- OZONE ASSESSMENTS



GMD FOR NOAA

- NESDIS SATELLITE VALIDATION
- NWS NUMERICAL WEATHER PREDICTION



GMD FOR OAR

- GFDL - OBSERVATIONS FOR MODELING EFFORTS
- OAP - RISING CO² IN ATMOSPHERE IS SINGLE CAUSE OF OCEAN ACIDIFICATION

HOW OAR USES YOUR REVIEW



Assist labs in strategically positioning & planning future science

Maintain consistency with NOAA planning, programming, & budgeting

Recognize lab scientists' leadership excellence & contributions in research fields

Identify equipment & facility deficiencies

Locate communication strengths & weaknesses between labs/offices/ leadership

CHARGE TO REVIEWERS



QUALITY: Assess quality of lab's R&D



RELEVANCE: Assess lab's R&D relevance to NOAA's mission & value to Nation



PERFORMANCE: Assess overall effectiveness of lab's plans & R&D in meeting NOAA's Strategic Plan objectives & Nation's needs



46th Global Monitoring Annual Conference

Boulder, Colorado

May 22-23, 2018



Housekeeping

- Poster session, 5:00-7:30 pm today!
 - Posters are being collected at the registration table. Poster tubes stored in the "hallway" on the left of the stage.
- Agendas are available at the desk, behind the water, and displayed on screens outside the room.
 - We have memory sticks with the full pdf set of abstracts available to borrow.
 - For those without e-access, we do have some printed abstract booklets available as well. Please ask registration staff.
- A few printed abstract books are kept at the desk for quick reference.
 - Wireless access throughout the building
 - Network name: noaa_guest
 - Username: gmac
 - Password: noaagmac
- Work space during meeting
 - Cafeteria & Classroom
 - Side meeting space – contact organizers.
- Lunches delivered here.
 - Sign up and pay at the registration table.
 - Drop-dead time is morning break.
- Restrooms – across the hallway
- Fire alarm – up the stairs and out the doors, preferably toward parking lot
- Silence your phones.
- Coffee and food in hall during breaks
 - Water is available in room during talks.
- All plates, cups, utensils are [compostable](#).
- Side conversations in the hallway
 - Be sure you are away from the door
- NOAA Gift Shop
 - 12:00-1:00, 4:45-5:15 daily
 - Cash or check only
- Thank you to our local vendors!
- Questions? Find a ["Conference Concierge"](#).

ESRL GMAC – 2018 Welcome
JH Butler

May 22-23, 2018



Speakers . . . !

- Take your presentations to the **projection booth** at least one session earlier than your session.
- Go to the **microphone fitting desk** at the back, right hand corner of the meeting room one speaker before your time to be fitted with the microphone.
- Then move down the right side of the room to the seat directly behind the timekeeper and session chair.
- **Turn on the microphone before** you leave your seat to do your presentation. Begin talking immediately. Do not ask "is the microphone working?" It will be if you turned it on. GMD staff will adjust the volume as you speak.
- **Return** your microphone and pointer to the microphone station at the right rear of the room immediately after your presentation.
- **Watch the screen!** **Speakers have 11 minutes to talk.** At **9 minutes** the yellow screen comes on alerting you to be finished in **2 minutes**. At 11 minutes the **red screen** comes on starting a **3 minute** question period. If you are not finished with your presentation at 11 minutes, **a bell will ring** and you will be told verbally your time is up.
- **Audience:** **Hold the portable microphone close** -- no farther away than 1 inch from your mouth. Speak loud and clear. You will be talking to 150+ people in the room and 100 on the Web connection.

ESRL GMAC – 2018 Welcome
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The 2018 GMAC... by the numbers

Attendance – “In the room”

- 220+ Attendees
 - 28 International guests
 - 13 Nations
 - 6 Continents
 - 13 International agencies & organizations
 - 3 International universities
 - 2 International private sector companies
 - 15 U.S. agencies & programs
 - 19 U.S. universities
 - 15 Private sector companies

Contributing Authors

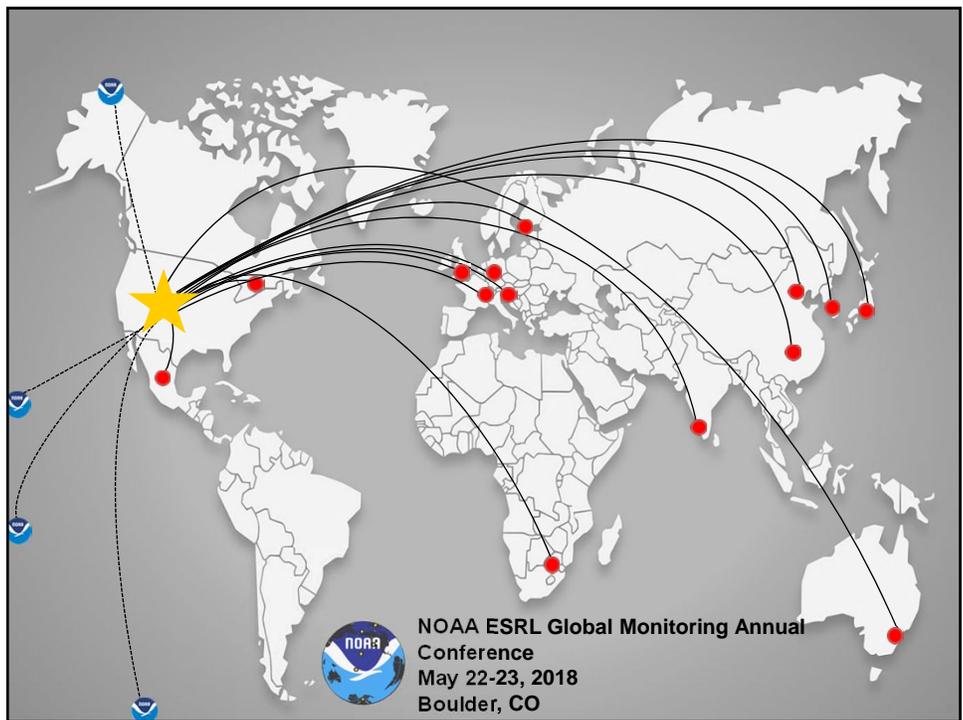
- 118 Presentations
 - 118 Lead authors
 - and-
 - 424 “unique” co-authors

Representing:

- 29 U.S. agencies & labs
- 25 U.S. universities
- 21 Countries
- 32 International organizations
- 22 International universities

ESRL GMAC – 2018 Welcome
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Thank you all for coming!



- We look forward to an invigorating 46th Annual Meeting . . .



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