



# Overview of CPO 2024-2028 Strategic Plan

March 20, 2024

V. Ramaswamy, Acting Director  
NOAA OAR Climate Program Office



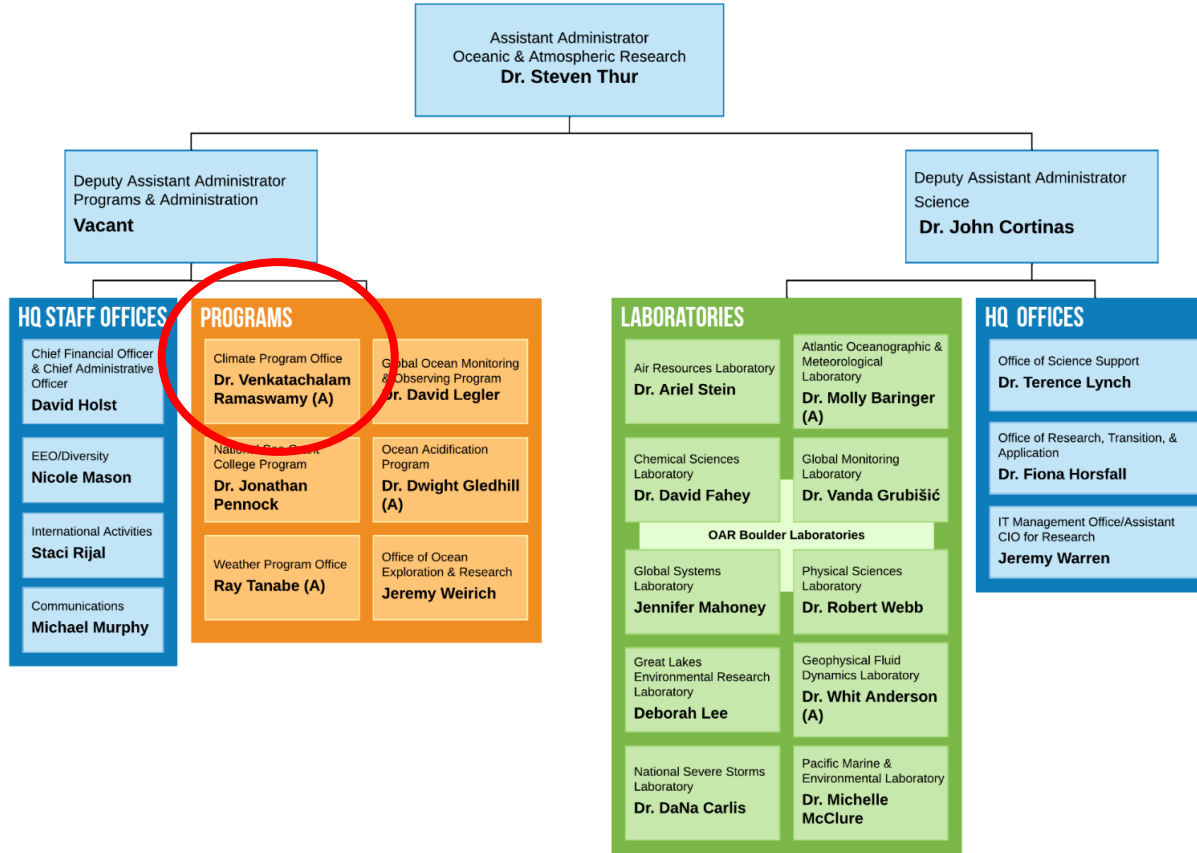
# Outline:

- Background
- What's New in the Plan?
- Mission, Vision, Goals
- Responses to SAB/CWG

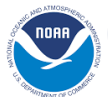


# Background: Climate Program Office in NOAA/OAR

Oceanic & Atmospheric Research (OAR) Organization 02-29-2024



# CPO Foundational Science Programs



**COM**  
Climate Observations  
and Monitoring



**CVP**  
Climate Variability  
and Predictability



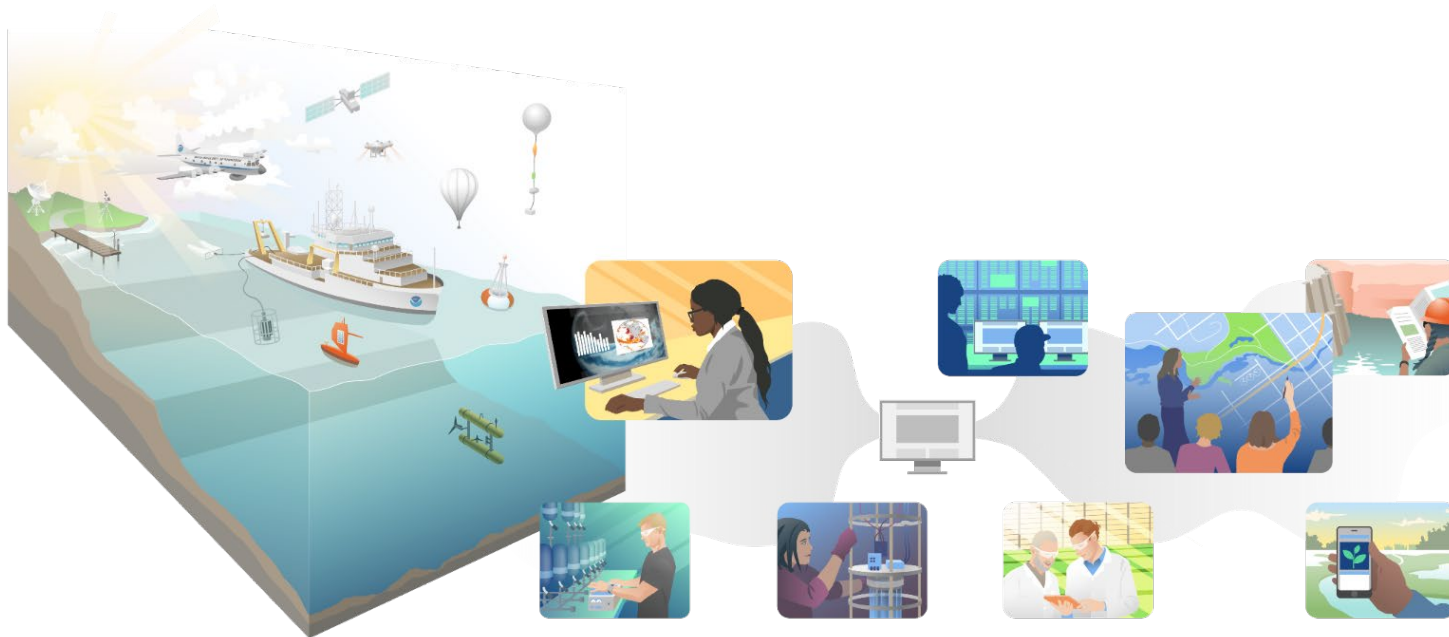
**MAPP**  
Modeling, Analysis,  
Predictions, and Projections



**ERB**  
Earth Radiation Budget



**AdSci**  
Adaptation Sciences Program

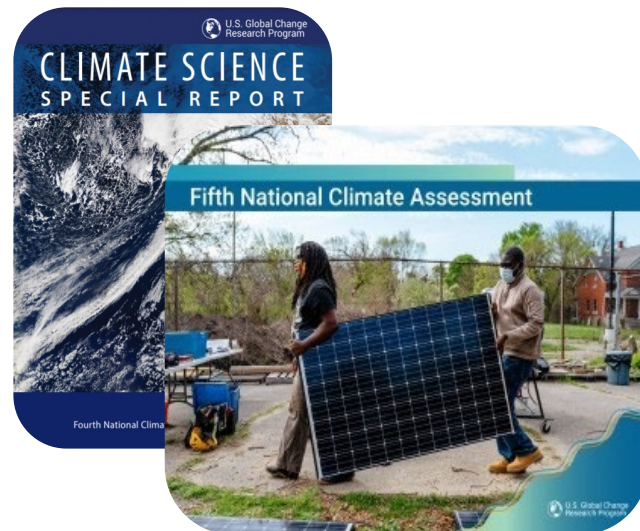




# CPO Decision Support & Public Engagement Programs

## Climate Adaptation Partnerships

Formerly RISA



# Background: CPO Review Panel's Inputs to Strategic Plan

CPO's 2022 Program Review report included **20 recommendations** for CPO's next strategic plan, including:

- Seamless approach to Earth systems science
- Engagement with stakeholder/user communities
- Interdisciplinary and integrated research approaches
- Incorporate Communication, Education, and Engagement Division's work
- Ensure connections to DOC, NOAA, and OAR strategic plans

# Background: Additional Process and Review

2024-2028 CPO STRATEGIC PLAN

## Strategic Plan Development Process and Cycle

Building on the recommendations for the next strategic plan in the Climate Program Office Program Review Report (2022), the office formed a writing team with representation across its four divisions and integrated programs in Fall 2022 to draft an outline. The office presented drafts to OAR leadership in January 2023, as well as to OAR leadership and Directors in May 2023. CPO sought feedback on its Draft Strategic Plan from NOAA through the NOAA Climate Team leads, and through the NOAA Science Advisory Board Climate Working Group (CWG). In addition, CPO also sought feedback from both the Federal and non-Federal communities it works with. Comments from the NOAA CWG are available online. A total of 143 comments were received from CPO's Federal and non-Federal partners, which included representatives across disciplines and academia, Non Governmental Organizations, and industry as well as Federal representatives in USGCRP. These comments, along with recommendations from the CWG were taken into account in revising for the final Plan, and will also inform CPO's more detailed plans as it moves discussions forward in implementing its strategic plan. CPO will begin the development of its next strategic plan, following its 5 year program review in 2028.

- The SAB CWG review recommendations, and an additional 143 review comments were received and reflected into CPO's New Strategic Plan.
- These span CPO's Federal and non-Federal partners, including across disciplines, academia, NGOs, industry, and USGCRP representatives.

# What's New in the Plan?

(Key differences between last plan and new plan)

- 1) Enhanced integration for a **common purpose; fewer goals**
- 2) Climate **mitigation, adaptation, resilience**
- 3) **Communication, Education, and Engagement**
- 4) **Diversity, equity, inclusion, justice, and accessibility (DEIJA)**



CLIMATE PROGRAM OFFICE

ADVANCING SCIENTIFIC UNDERSTANDING OF CLIMATE, IMPROVING SOCIETY'S ABILITY TO PLAN AND RESPOND



## **Vision**

**All peoples, economies, and environments are resilient to climate impacts and society works together to sustainably mitigate climate change.**

## **Mission**

**We advance Earth system and social science, integrated information, and services to build a Climate-Ready Nation.**



**CLIMATE PROGRAM OFFICE**

ADVANCING SCIENTIFIC UNDERSTANDING OF CLIMATE, IMPROVING SOCIETY'S ABILITY TO PLAN AND RESPOND

# SAB CWG recommended CPO consider “moon-shot” level goals

CPO targeted goals that would contribute to the NOAA-level moonshots over the next five years including its cross-agency initiatives focused on precipitation prediction, information for coastal inundation across timescales, climate-ready fisheries, and other emerging agency priorities.



CLIMATE PROGRAM OFFICE

ADVANCING SCIENTIFIC UNDERSTANDING OF CLIMATE, IMPROVING SOCIETY'S ABILITY TO PLAN AND RESPOND

# SAB CWG recommended engaging key audiences, suggesting to list initiatives under each goal.

- CPO engaged key audiences through a separate review process.
- CPO incorporated suggested language by SAB CWG to make goals more accessible to a broader audience.

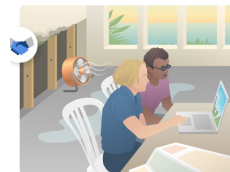


## Goals

### Goal 1: Advance the science foundation for climate change adaptation, resilience, and mitigation.

Advance the science-based knowledge of Earth's atmosphere, ocean, land, and ice systems, and the Nation's social science capabilities. This knowledge will support the Nation's health, well-being, and economic vitality, and will inform strategies to reduce risks from extreme weather, natural disasters, and mitigate human-caused climate change.

Figure 4: Advance the science foundation for climate change adaptation, resilience, and mitigation.



### Goal 2: Advance climate adaptation, resilience, and mitigation by enhancing partnerships and providing actionable information.

Strengthen, enhance, and expand partnerships across local, state, federal, and tribal governments, non-government organizations, and businesses that enable equitable and trusted codvelopment of long-term strategies and implementable actions for a Climate-Ready Nation.

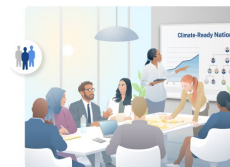
Figure 5: Enhance partnerships and provide actionable information.



### Goal 3: Improve public understanding and bolster capacity to respond to climate change.

Co-develop and deploy education and training initiatives that build knowledge and skills people need to build climate resilience while reducing harmful climate impacts and mitigating future change.

Figure 6: Build public understanding and bolster capacity to respond to climate change.



### Goal 4: Empower our workforce to advance NOAA's priorities.

Recruit and sustain a highly skilled CPO workforce that is diverse, dedicated, and resilient. Evolve the policies that recruit (tools, processes, policies etc.) to be nimble and adaptive. Foster a culture of openness and collaboration to ensure all staff members feel valued and included.

Figure 7: Empower our workforce to advance NOAA's priorities.

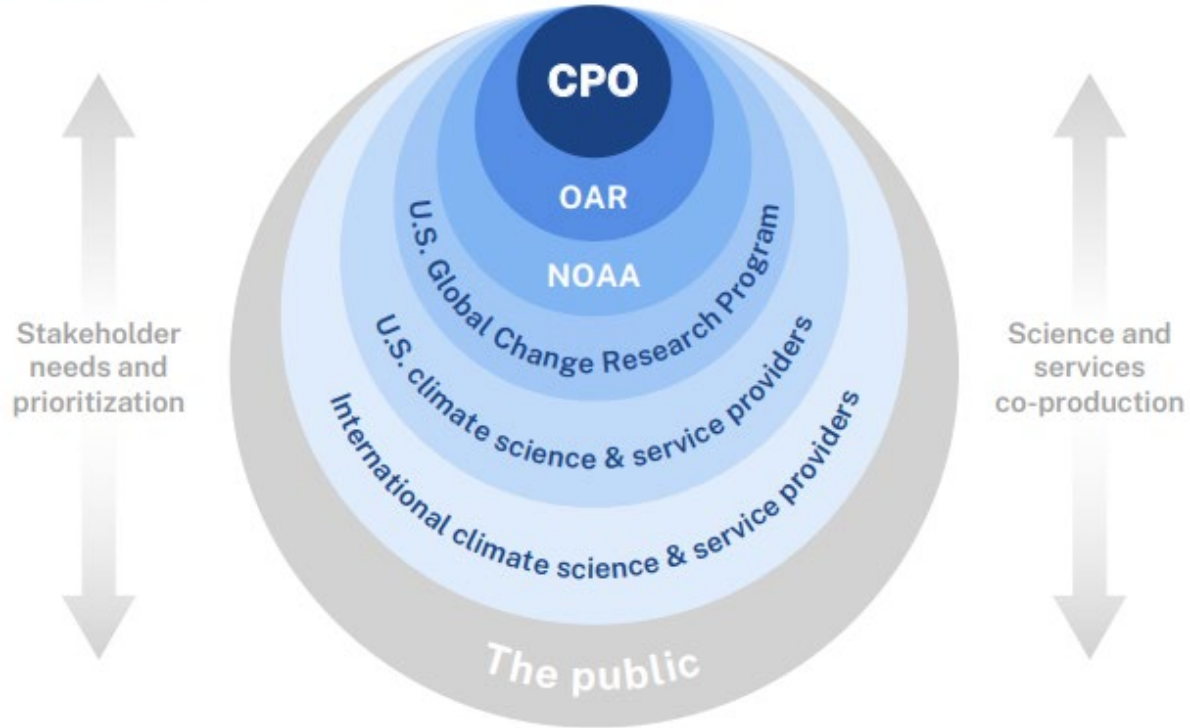


CLIMATE PROGRAM OFFICE

ADVANCING SCIENTIFIC UNDERSTANDING OF CLIMATE, IMPROVING SOCIETY'S ABILITY TO PLAN AND RESPOND

# SAB CWG recommended emphasizing the significance and role of CPO to the climate enterprise

Figure 2: CPO collaborates with many partners inside and outside NOAA.



- Updates made to text and figures