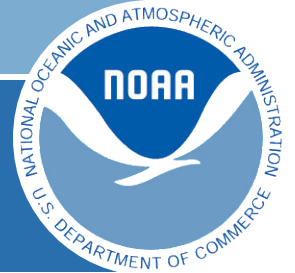


THE CLIMATE SERVICE

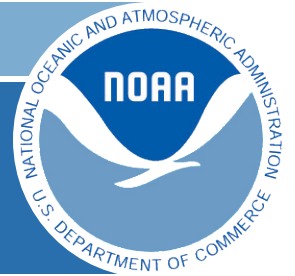
Winter 2011 Meeting of the Climate Working Group





Topics for this meeting

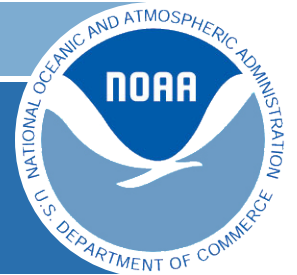
- 1: NOAA responses to the CWG program reviews**
- 2: Climate Service Performance Outcomes**
- 3: Reviews of Problem Focused Assessments**
- 4: EISWG/CWG Work Group on private sector engagement**
- 5: Discussion on other roles for the CWG during the transition to a Climate Service**



Agenda

DAY 1: Mon. February 14

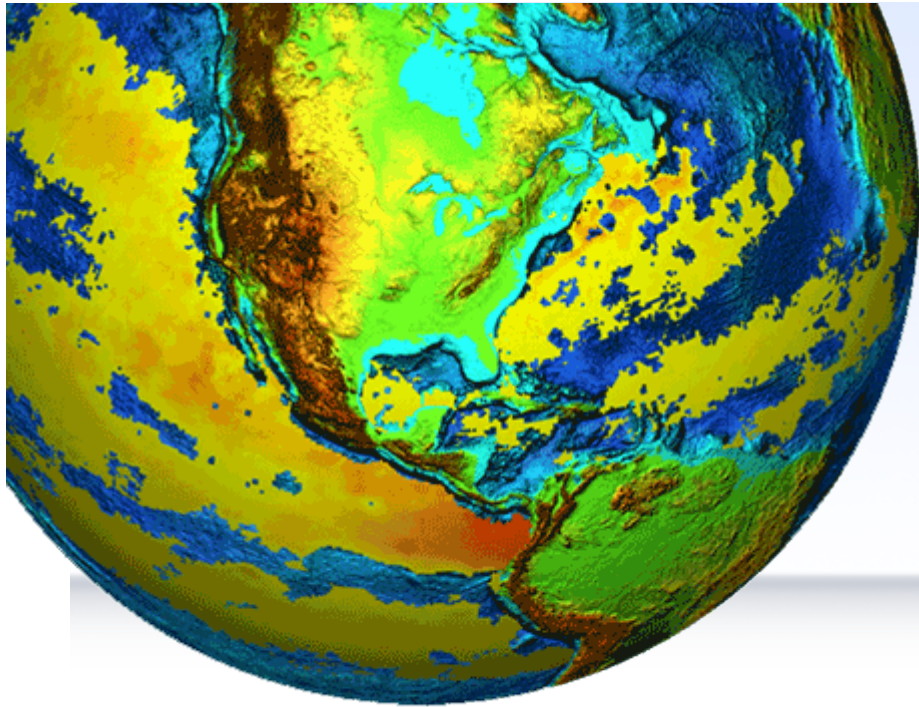
- 12:00 p - 1:00 p **Lunch**
- 1:00 p - 1:30 p Introduction, background and discussion of agenda
- 1:30 p - 3:15 p 1.A: NOAA Program Review Responses
Status of Climate Service Reorganization
- 3:15 p - 3:30 p **Break**
- 3:30 p - 5:30 p 1.B: NOAA responses to the Climate Observations
and Monitoring Program review
- 5:30 p - 6:30 p **Break**
- 6:30 p - 8:30 p **Dinner**



Agenda

DAY 2: Tues. February 15

- 8:00 a - 10:00 a 1.C: NOAA responses to the Climate Research and Modeling program review
- 10:00 a - 10:30 a **Break**
- 10:30 a - 12:30 p 1.D: NOAA responses to the Climate Information Products and Applications review
- **12:30 – 1:30 p Lunch - The 2010/2011 Seasonal Forecast.**
- 1:30 p - 3:00 p 2: Performance outcomes for a Climate Service
- 3:00 p - 3:15 p **Break**
- 3:15 p – 3:45 p 3: EISWG/CWG task - private sector communication³
- 3:45 p - 4:30 p 4: : Climate problem-focused assessment reviews
- 4:30 p - 5:00 p 5: Transition Activities
- 5:00 p **Adjourn**



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Responses to Reports from the SAB Climate Working Group



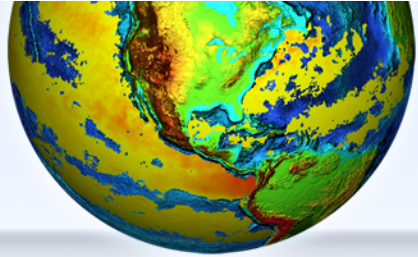
Chester J. Koblinsky

Transition Deputy Director, NOAA's Climate Services

Climate Mission Goal Lead

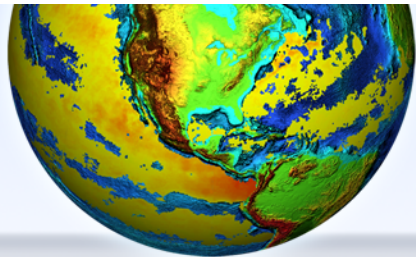
Director, Climate Program Office

February 14, 2011



Overview

- Background about the Reviews
- NOAA Strategic Plan for a National Climate Service Review
- Program Reviews
 - Climate Observations and Analysis Program
 - Climate Research and Modeling Program
 - Climate Information Products and Applications



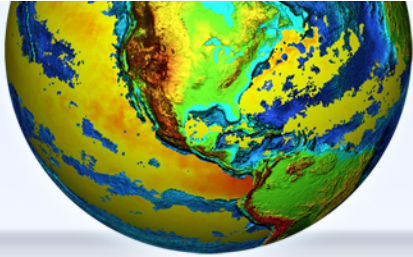
Climate Working Group Reviews

**Climate Observations and Analysis Program Review
Asheville, NC April 11-13, 2007**

**Climate Research and Modeling Program Review
Princeton, NJ March 24-26, 2008**

**Climate Information Products and Applications Review
Broomfield, CO July 13-15, 2009**

**Review the draft NOAA strategic plan for a National Climate Service
Vail, CO June 23-26, 2008**



Evolution of Climate Services in NOAA

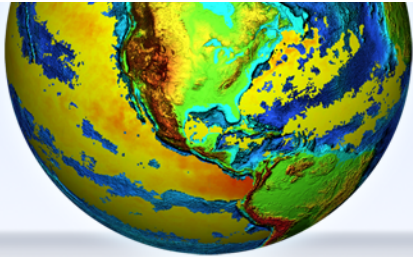
April 2007

- Review of the Climate Observations and Analysis Program



Fall 2007

- Climate Goal Programs restructured:
 - Climate Obs. & Monitoring (COM);
 - Climate Research & Modeling (CRM); and
 - Climate Service Development (CSD)
- Climate observations and monitoring combined



Evolution of Climate Services in NOAA

January – June
2008

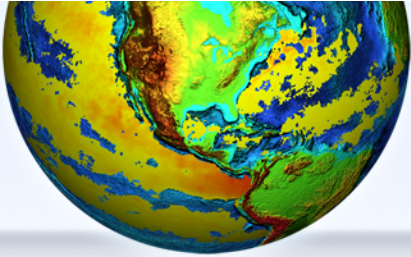
- Development of National Climate Service Strategy and Implementation

March 2008

- Review of the Climate Research and Modeling Program

Summer 2008

- Start NRC Studies:
 - Seasonal Prediction
 - America's Climate Choices
- June: Review of Draft Strategic Plan for a National Climate Service
- July: Review Team Report
- August: Committee on Climate Services Options created



Evolution of Climate Services in NOAA

January 2009

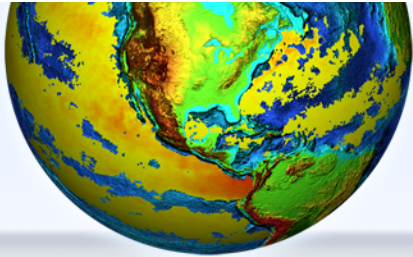
- The Obama Administration begins

Summer 2009

- A Vision for Climate Services in NOAA report released
- Options for Developing a National Climate Service (Barron Report) released
- Review of the Climate Information Products and Applications

January 2010

- NOAA's Climate Service Portal Phase I Prototype publicly available



Evolution of Climate Services in NOAA

February, 2010

- Secretary Locke announces the intent to create a NOAA Climate Service
- Dr. Lubchenco announces transitional NOAA Climate Service Leadership

Summer 2010

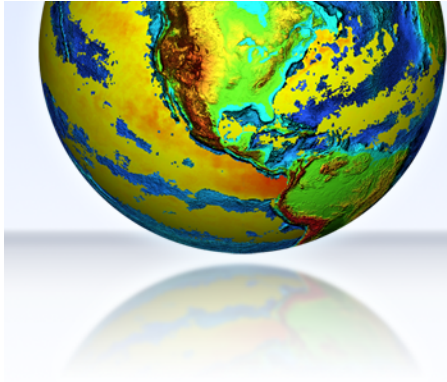
- America's Climate Choices reports released
- NOAA's Next Generation Strategic Plan (NGSP) released for public comment
- Secretary Locke announces the NOAA Regional Climate Services Directors (RCSD)

September 2010

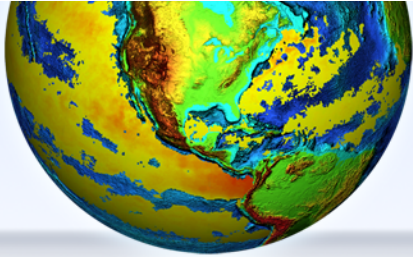
- NOAA Strategic Vision and Framework for a Climate Service released for public comment
- Dr. Lubchenco announces the Strategy Execution and Evaluation (SEE) process
- National Academy of Public Administration report on Climate Services Options released

November 30, 2010



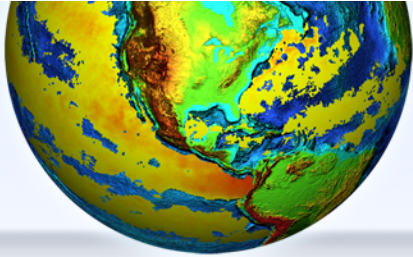


**Review of
NOAA's strategic plan for a
National Climate Service
June 23-26, 2008
Vail, CO**



Review of NOAA's strategic plan for a National Climate Service

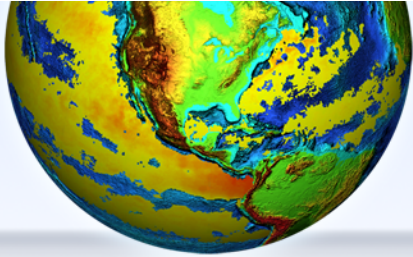
The primary recommendation from the *Climate Services External Review Report* (July 15, 2008) was **“that NOAA lead an effort, with its partners, to compare and contrast specific national options for the development of climate services.”** The report called for the creation of a Coordinating Committee and four Tiger Teams to explore the pros and cons of four National Climate Service organizational options.



Review of NOAA's strategic plan for a National Climate Service

The Coordinating Committee developed a final report, ***Options for Developing a National Climate Service (Barron Report)***, which provides NOAA with recommendations related to the Vision, Mission, and Key Attributes of a successful National Climate Service.

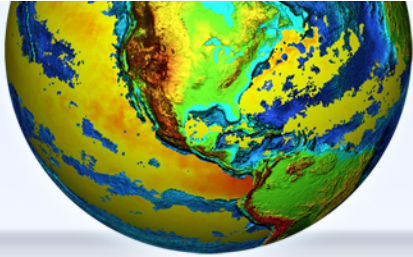
The Coordinating Committee was not charged with making specific recommendations about implementation.



Review of NOAA's strategic plan for a National Climate Service

Five Key Implementation Conclusions:

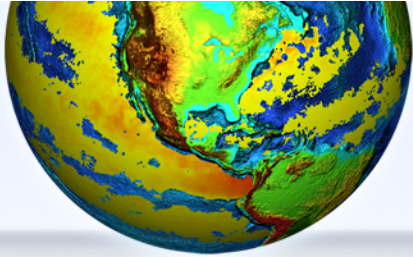
1. Internal reorganization of NOAA that enables greater connectivity of weather and climate functions is a necessary step for success
2. Each federal agency needs to collaboratively define its role and level of commitment in an National Climate Service and there needs to be a lead federal entity
3. Success of a National Climate Service requires recognized, clear, authoritative, responsible leadership within the Federal System at the highest level possible
4. A national climate service enterprise requires a defined, independent budget large enough to influence the direction of the service and achieve its mission
5. A national climate service enterprise requires an interface best described by a federated structure (i.e., non-profit or federation) because it has a stronger connection to users and the research community



Review of NOAA's strategic plan for a National Climate Service

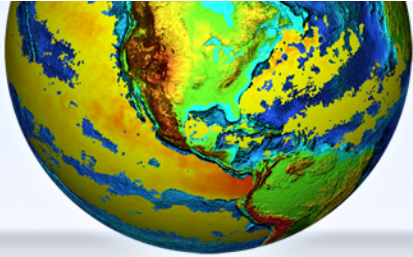
Tiger Teams analyzed four organizational options:

1. Create a **national climate service federation** that would determine how to deliver climate services to the nation;
2. Create a **non-profit corporation** with federal sponsorship;
3. Create a **national climate service with NOAA as the lead** agency with specifically defined partners; and
4. A **weather and climate service within NOAA** developed from an expanded and improved weather services.



Review of NOAA's strategic plan for a National Climate Service

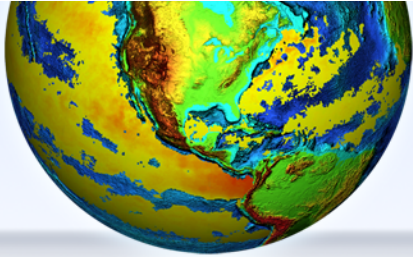
1. **Options 1 & 2: Create a climate service federation or non-profit organization**
 - NOAA believes these options could support the needed climate service activities and is prepared to work with OSTP on its interagency review of climate services
2. **Options 3 & 4: A national climate service with NOAA as the lead or an expanded weather and climate service within NOAA**
 - NOAA believes that elements of each of these arrangements would enable NOAA to assemble a climate service that fulfills the attributes described in the CWG's reports



Review of NOAA's strategic plan for a National Climate Service

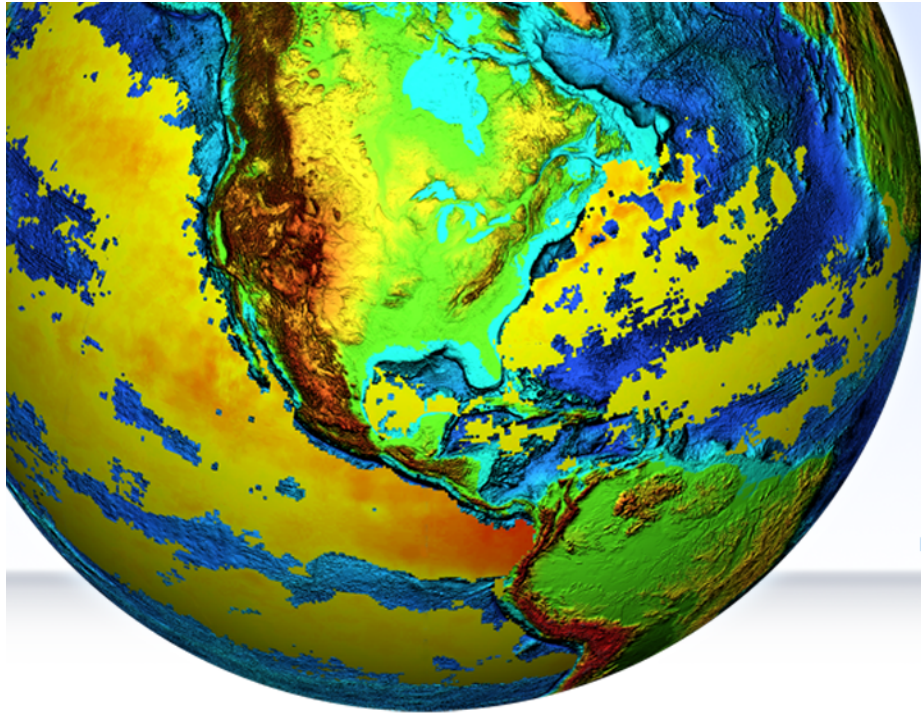
General Update of Progress:

- Sponsored the America's Climate Choices Study performed by the National Academies of Sciences;
- Announced February 8, 2010 by the Department of Commerce (DOC) and NOAA the intent to create a NOAA Climate Service line office; and
- Sponsored review by the National Academy of Public Administration (NAPA) of NOAA's proposed organizational changes for structuring a climate service (completed on September 13, 2010).
- NOAA Vision and Framework for a Climate Service
- Prepared an Agency reorganization plan for a Climate Service.



Summary Recommendations

1. Improve internal budget and planning processes
2. Develop a comprehensive strategic framework for climate services
 - a) Establish and promote internal and external partnerships
 - b) Provide meaningful methods to evaluate progress and measure performance
 - c) Promote better integration among climate activities
 - d) Engage stakeholders and incorporate user feedback
 - e) Improve understanding of NOAA capabilities and assets
3. Create a separate Climate Service line office within NOAA to ease many of the perceived management difficulties



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Thank You...

Questions?