

NCDC Agency Report

Unidata Policy Committee
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Benjamin Watkins

Operations Planning Officer

National Oceanic and Atmospheric Administration

National Environmental Satellite Data and Information Service

National Climatic Data Center

Asheville, NC 28801-5001, USA



National Climatic Data Center

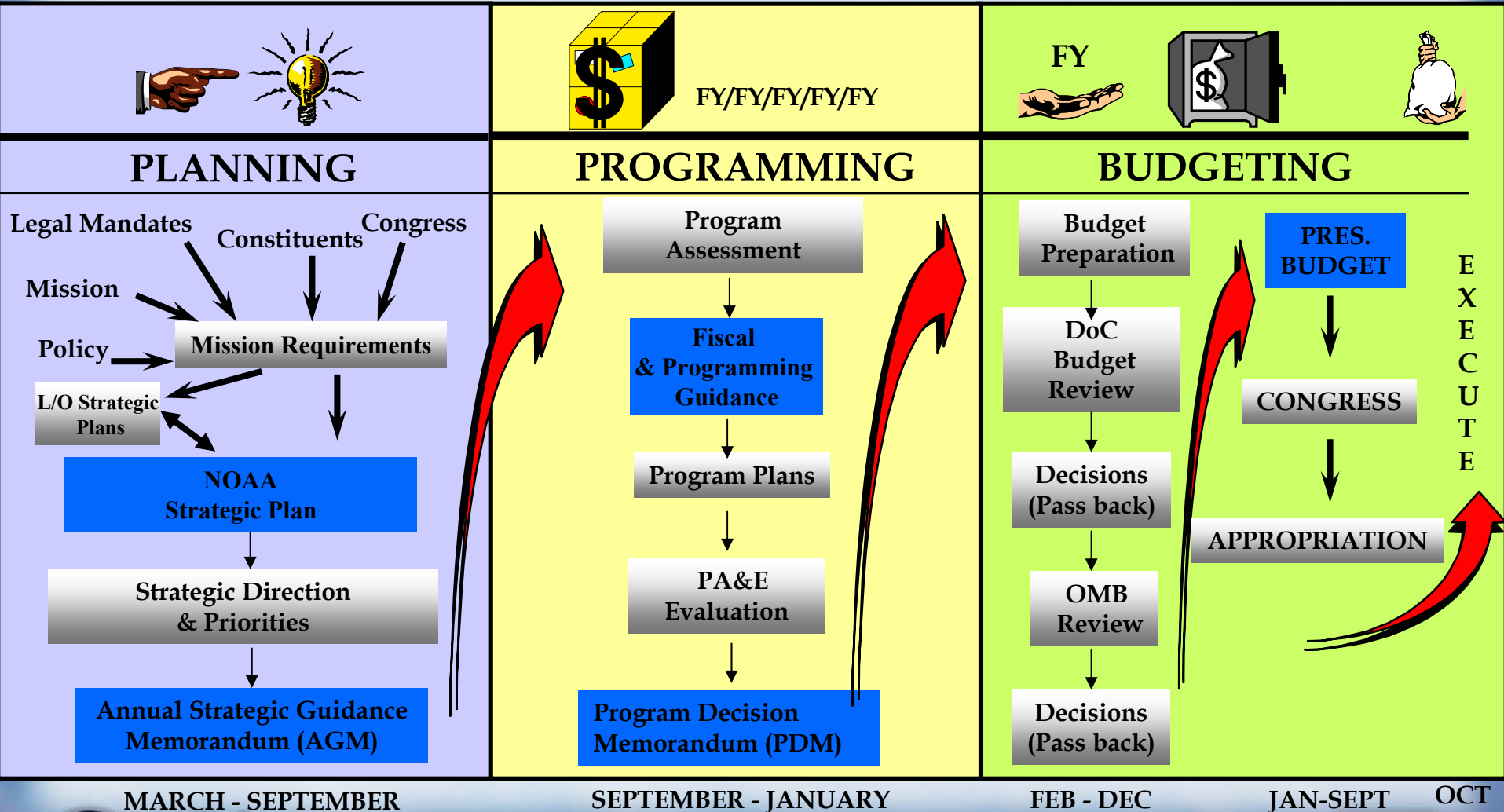


Topics

- PPBS
- CLASS
- Data Stewardship
- CRN



PPBS



NOAA Mission Goals

- Ecosystems
- **Climate**
- Weather and Water
- Commerce and transportation



NOAA Mission Goal - Climate

“Understand climate variability and change to enhance society’s ability to plan and respond.”

Strategy -- Monitor and Observe

“We will invest in *high-quality*, long-term climate observations and will encourage other national and international investments to provide a *comprehensive* observing system in support of climate assessments and forecasts.”



Program Managers

CLIMATE	
Monitor and Observe	Tom Karl [1]
Understand and Describe	Dan Albritton [1]
Assess and Predict	Ants Leetma [1]
Engage, Inform, and Advise	Bob Livezey [1]



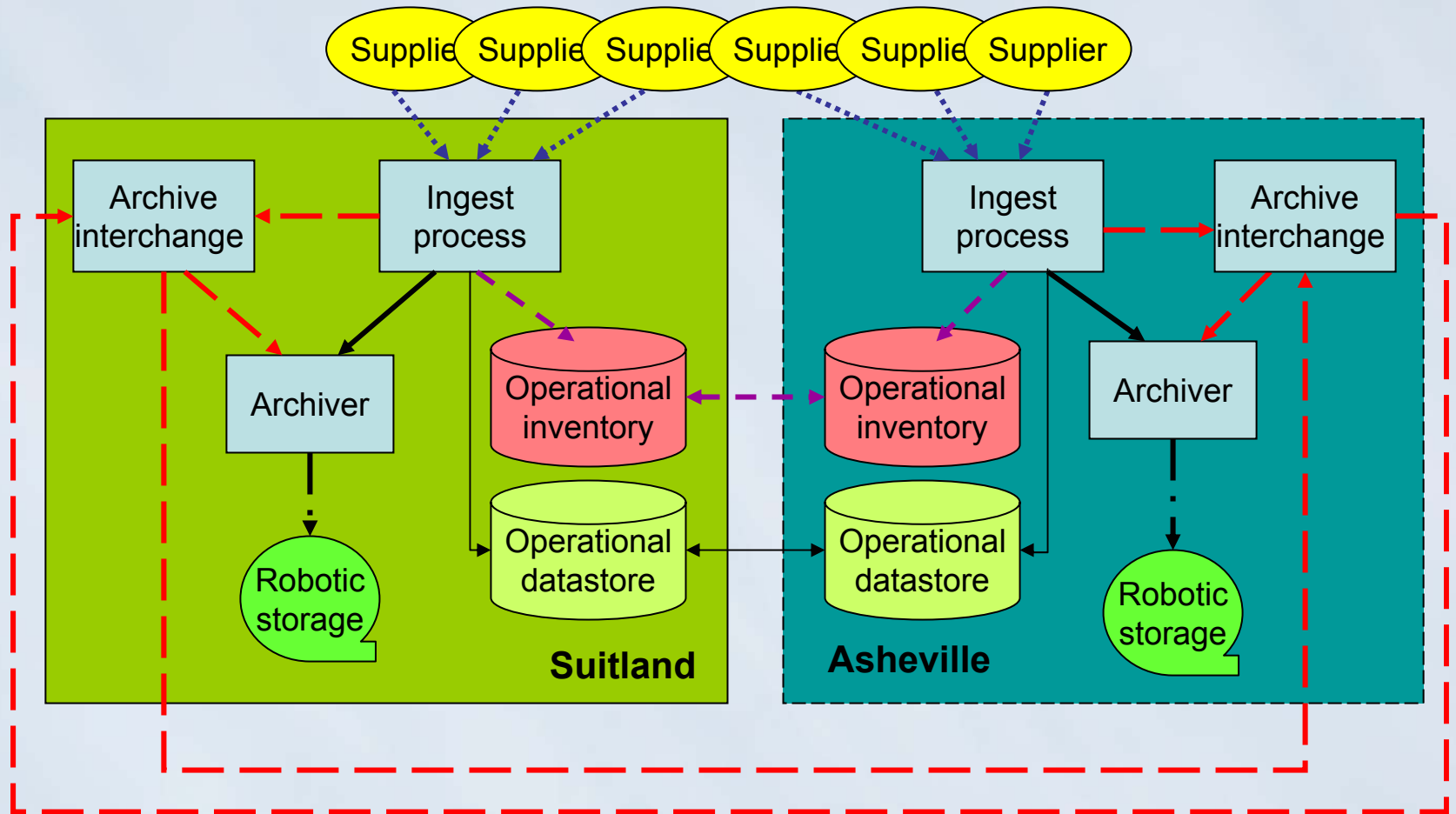
Comprehensive Large Array-data Stewardship System (CLASS)

- Goals

- On-line archive of large datasets
- Improve access to large datasets
- Provide one-stop entry for customer access



Distributed redundant archive

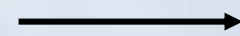


KEY

Raw data



Primary archive



Access metadata



Secondary archive



Browse imagery



National Climatic Data Center

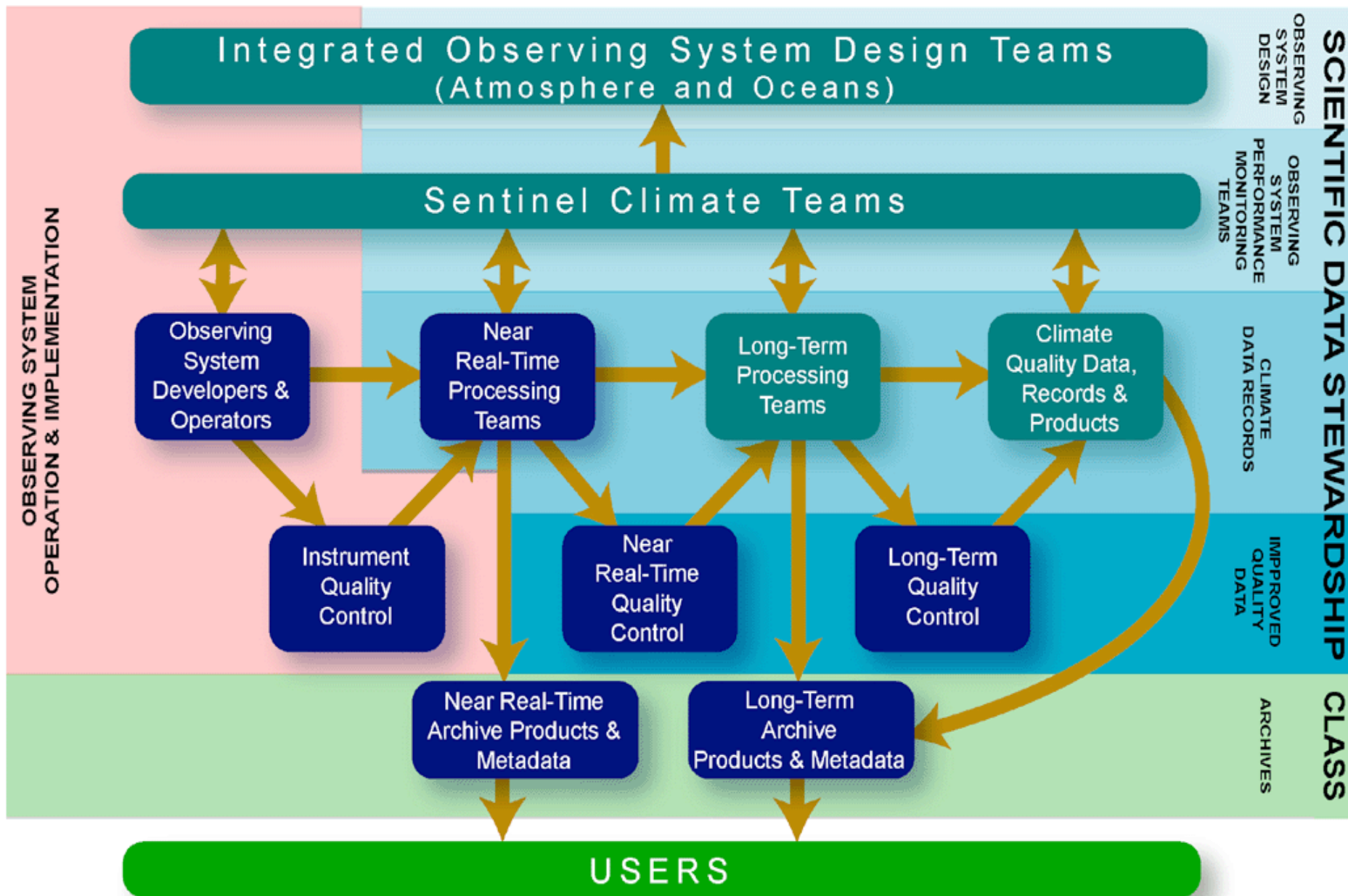


Scientific Data Stewardship

- Integrated suite of functions to preserve and exploit the full scientific value of NOAA's environmental data
- Real-time data monitoring
- Authoritative long-term records - reprocessing
- Authoritative records to assess the current state of the environment
- Comprehensive metadata
- Data archaeology

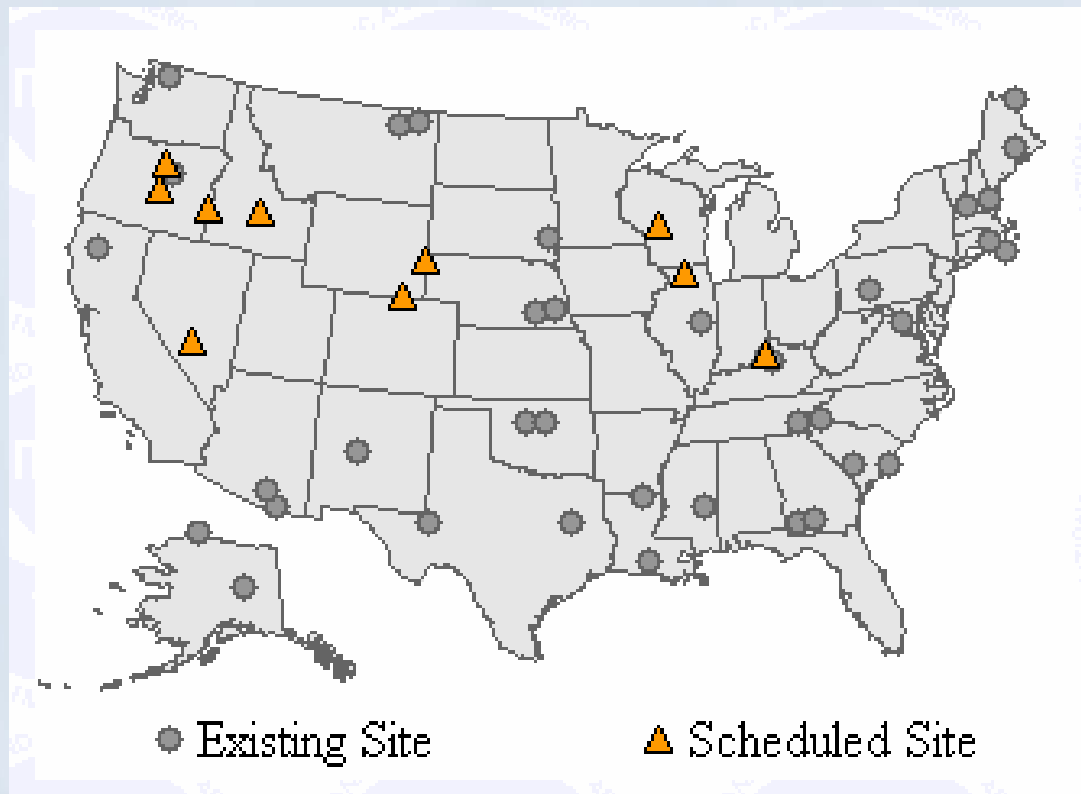


SCIENTIFIC DATA STEWARDSHIP OBSERVATIONS FOR CLIMATE



Emerging Reference U.S. Data Set:

Climate Reference Network (CRN):



...to provide future **long-term homogeneous observations of temperature and precipitation** that can be coupled to long-term historical observations for the detection and attribution of present and future climate

NATIONAL CLIMATIC DATA CENTER (NCDC) Asheville, North Carolina



A National Resource for Climate Information



National Climatic Data Center

