Celebrating 20th CPASW: NWS Climate Services Evolution and Partnership Development

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Advancing innovative research and development to support NOAA's mission and the US economy

Progression

- 2002 - NWS was already delivering Climate Services to the nation
  - 15 USC 313 (Oct 1, 1890) Duties of the Secretary of Commerce……
- A year for notable roles - building partnerships
  - Bob L sent me to AASC Asheville, where I shared our vision for Climate Services
  - Bob L said "**Make it so**" for a workshop on Climate Prediction Applications Workshop (became Climate Prediction Application Sciences Workshop (CPASW) in 2004 (FL)
- NOAA established single office to pool all climate funding (CPO)
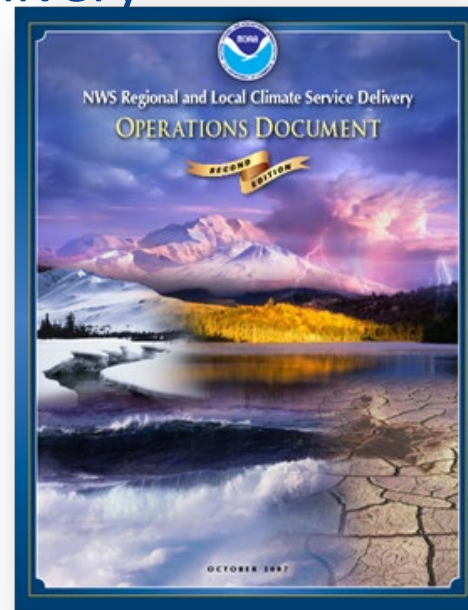- But demand for climate information was escalating
  - **Boots on the ground - NWS field offices**

Implementing NWS Climate Services

- Obstacles: paradigm shift in field offices 😬

- NWS Regional and Local Climate Services Delivery Operations Document (v1)
  - Clear guidance to the field on who does what
  - Including collaboration with NCEI, RCCs, State Climatologists

- And then the objections
  - NWS climate funding - why was OAR funding operations?
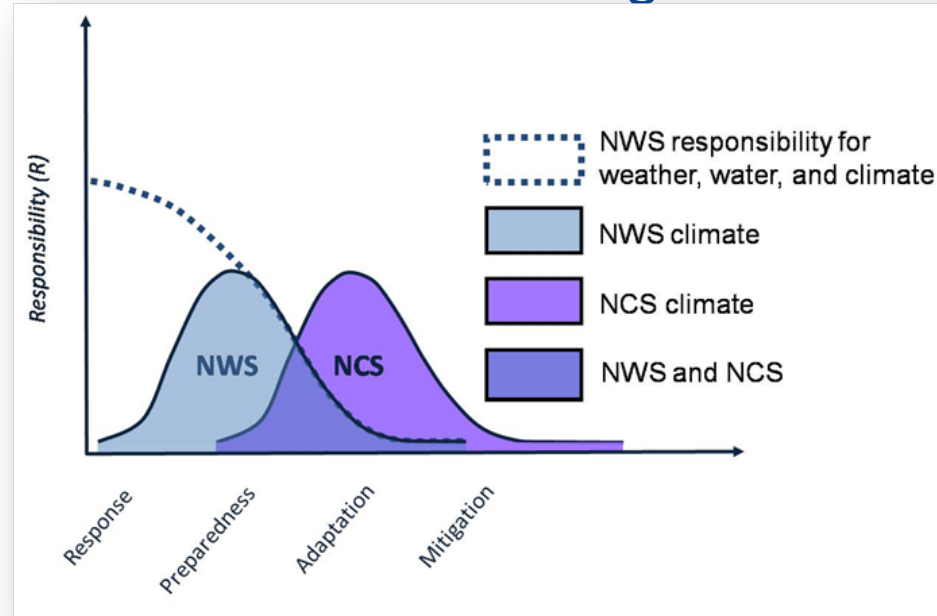 - National Climate Service strategy underway (failed) ➡️☐

NWS Regional and Local Climate Service Delivery
OPERATIONS DOCUMENT

OCTOBER 2007

NCS???

- We had to define our role
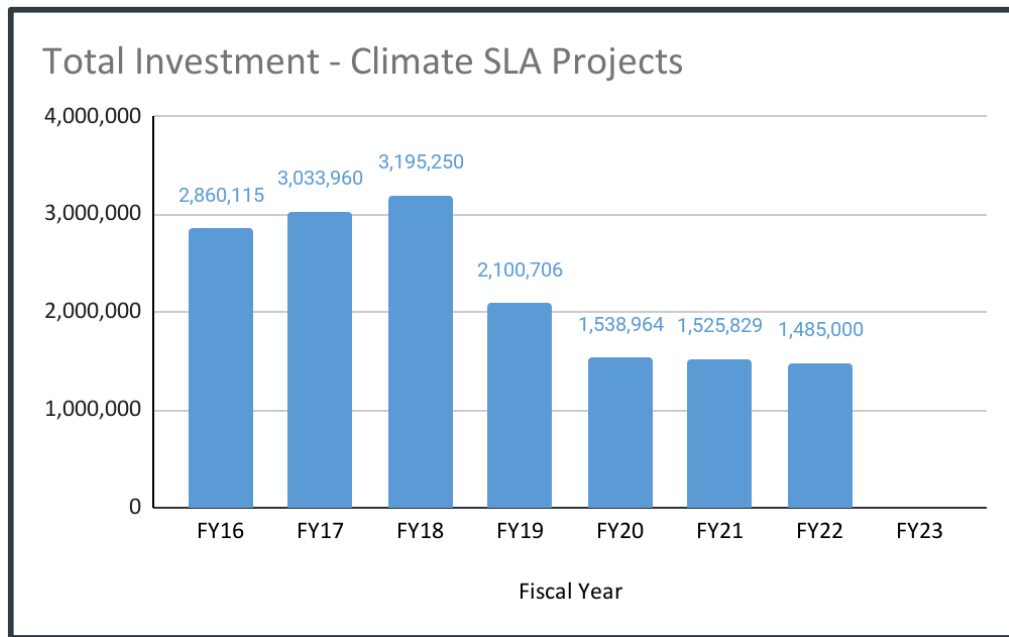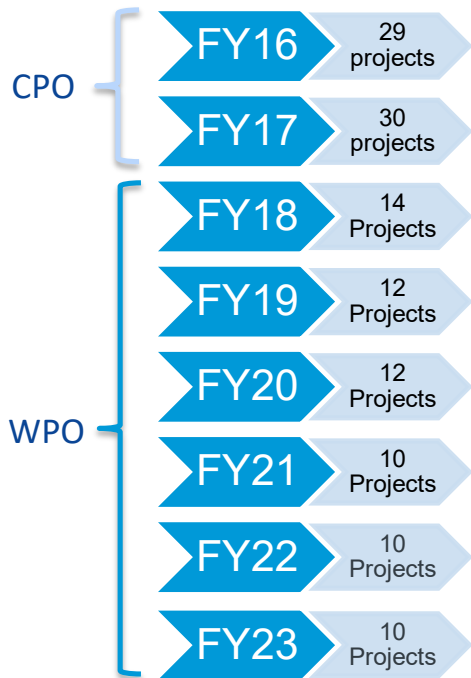- But NCS was focused on climate change and not shorter-term timescales

How we moved forward

- Outreach - what we have, why it's important
- Tools to help field offices in delivery of Climate Services
  - LCAT implementation
- Elevate level of expertise/knowledge
  - Training
- Secure funding for operational services
  - Service Level Agreement (SLA) with OAR/CPO, then WPO
  - NWS operational needs identified; some funded through SLA

Total Investment to Date

CPO
- FY16 — 29 projects
- FY17 — 30 projects

WPO
- FY18 — 14 Projects
- FY19 — 12 Projects
- FY20 — 12 Projects
- FY21 — 10 Projects
- FY22 — 10 Projects
- FY23 — 10 Projects

Total Investment - Climate SLA Projects

Fiscal Year	Total Investment
FY16	2,860,115
FY17	3,033,960
FY18	3,195,250
FY19	2,100,706
FY20	1,538,964
FY21	1,525,829
FY22	1,485,000
FY23	

How we moved forward

- Partnerships
  - NOAA
    - NCEI and RCSDs
    - CPO and specifically CAP/RISA
    - Sea Grant
    - Other NOAA offices
  - AASC/State Climatologists
  - RCCs
  - Academia, industry
  - What's next?