



NOAA

Summary of NOAA Response to the Priorities for Weather Research (PWR) Report

NOAA Science Advisory Board
December 1, 2022

Stephan Smith
Director, NWS Office of Science and Technology Integration
Dorothy Koch
Director, OAR Weather Program Office



Response Writing Methodology

Gathering, Writing Content

Step 1 - SME Tasking

Each line office (LO) tasked their respective SMEs for responses to the Recommendations listed in the PWR, keeping associated Critical Actions in mind.

Step 2 - Consolidation of Responses

The Writing Team assigned a lead LO for each of the 33 Recommendations.

The Team synthesized/consolidated responses from across LOs into a first pass “one NOAA” narrative.

The Team convened for several weeks to review and ensure consensus on the language.

Response Philosophies





- Responses written in a “One-NOAA voice”, keeping narratives succinct & high-level
- Strategy documents, strategic plans referenced as often as possible
- Specific initiatives/programs were highlighted to address Critical Actions associated with Recommendations
- Some language duplicated, where applicable, to ensure consistency
- Detailed responses provided by LO SMEs formed the basis for addressing specific questions from the SAB
- If NOAA did not fully concur, related work was highlighted



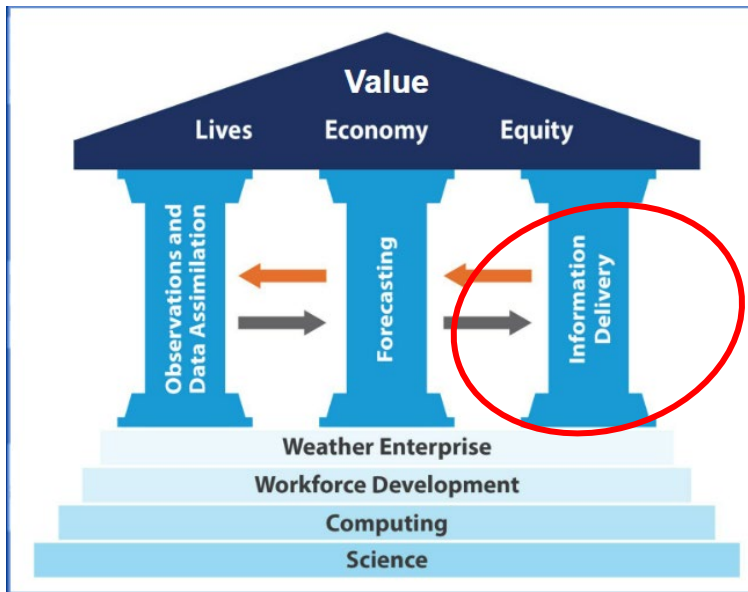
NOAA Response to the PWR Report



Key Take-aways

- **NOAA concurs, loudly and comprehensively**
 - The Right Report at the Right Time
 - Well-aligned with Existing strategies
 - Source of Emergent and Transformational Ideas
 - Underlines Critical Foundational needs
 - Workforce Development
 - High Performance Computing
 - Robust Dissemination Infrastructure
 - **Challenges**
 - Implementing comprehensive NOAA-wide strategies
 - Implementing recommendations with insufficient or supplemental funding
 - Implementing recommendations in the face of dynamic Congressional and Administration priorities
- 
- 
- 
- 

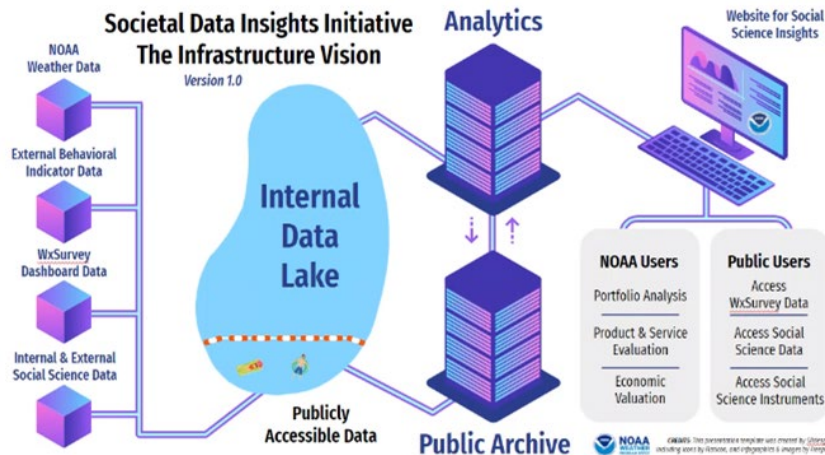
Emergent and Transformational Ideas



Recommendation ID-6

Build capacity to collect and analyze baseline and event-specific social and behavioral data - to learn what weather information is needed when, by whom, and how it can and will be used

NOAA Application: Through the FY22 BIL, NOAA is building capacity to collect and analyze quantitative and qualitative baselines, longitudinal, and event-specific social, behavioral, and economic data to learn what weather information is needed when, by whom, and how it can and will be used



Emergent and Transformational Ideas

SPECIAL REPORT **NBC NEWS**
U.S. NEWS

Ian was one of the most lethal hurricanes in decades. Many of the deaths were preventable.

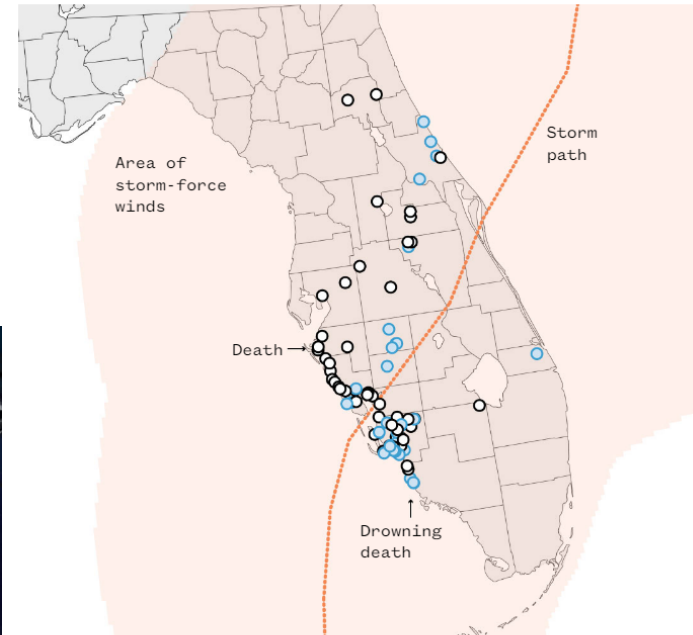
Hurricane Ian illustrated the challenges of protecting densely populated waterfront communities and exposed shortcomings in how local governments respond, an NBC News investigation found.

Vulnerable and overlooked, many older people stayed home



Where Hurricane Ian killed

More than 140 people died because of Hurricane Ian. Here is where 86 of those deaths took place.



Source: Staff reporting, Florida Department of Law Enforcement
Graphic: Nigel Chiwaya / NBC News

