

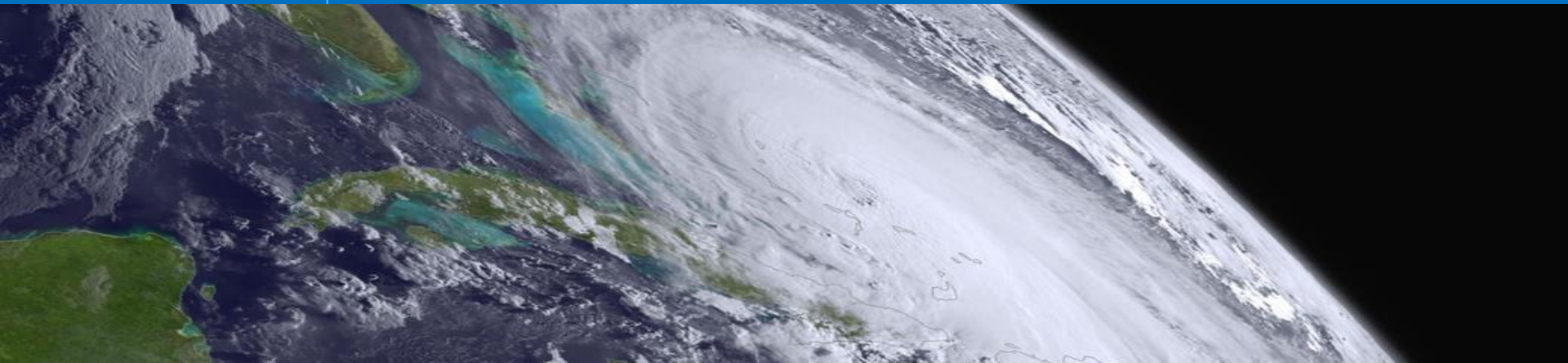


**NATIONAL
WEATHER
SERVICE**

NWS Partners Webinar: Spring 2022

April 11, 2022

Office of Organizational Excellence (OOE)



Today's Webinar Agenda

- Welcome and Logistics
- Polling and Speed Networking
- NWS Strategic Updates
- NWS Programmatic Updates
- Q/A and Open discussion
- Wrap-up



Peyton Robertson

Director
Office of Organizational
Excellence
National Weather Service



Andrea Bleistein

Deputy Director
Office of Organizational
Excellence
National Weather Service

NWS Leadership Updates

Mary Erickson

Acting Assistant Administrator for Weather Services, NOAA and Director, National Weather Service



A.J. Reiss

Acting Deputy Director, National Weather Service



Kevin Cooley

Acting CFO



Albert (Benjie) Spencer

Acting Director, Office of Planning and Programming for Service Delivery (OPPSD)



Allison (Allie) Allen

Director, Analyze Forecast and Support Office



Michelle Mainelli

Acting Director, Office of Observations



Dr. William Burnett

Director, National Data Buoy Center



Susanne Keveney

Acting Director, Office of Dissemination



Darin Figsrkey

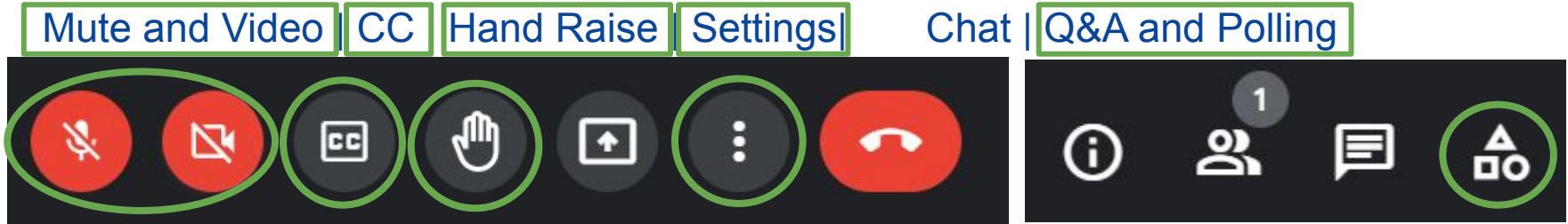
Acting Director, Ocean Prediction Center, NCEP



GoogleMeet Webinar Logistics

How to join the discussion!

- Keep your phone lines muted throughout (for call-in participants: to mute and unmute use *6).
- Raise your hand if you have a question and we'll respond in the order of the queue.
- The following features of google meet:



- This webinar will NOT be recorded. We will post slides and key takeaways afterwards at weather.gov/wrn/calendar
- You can also join by phone line only if you are having connectivity issues.

NWS Mission Statement Update

The Vision

A Weather-Ready Nation: Society is prepared for and responds to extreme weather, water, and climate events.

***“Ready, Responsive, Resilient”
through the provision of IDSS***



The Mission

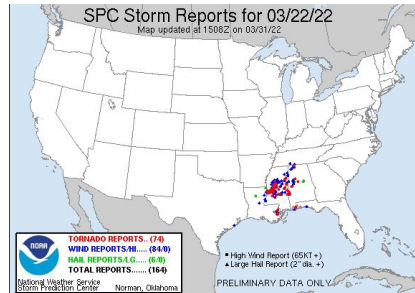
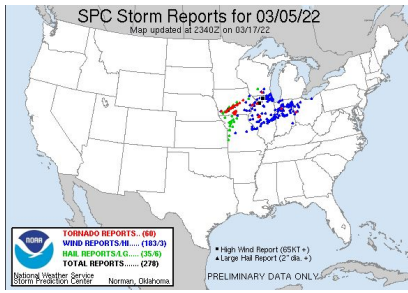
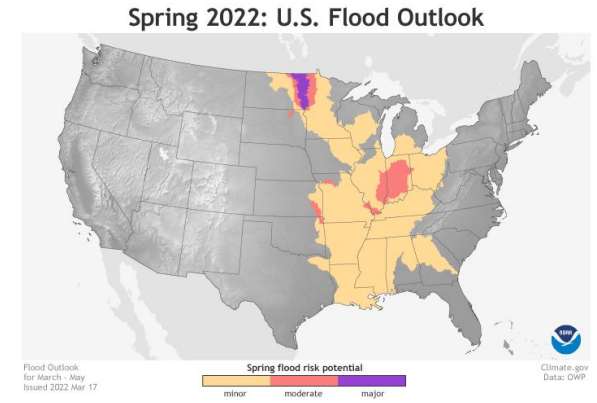
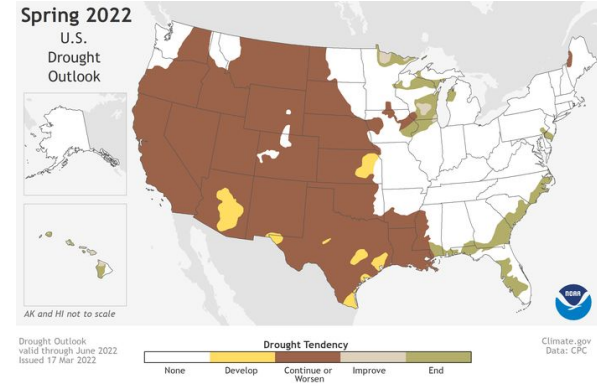
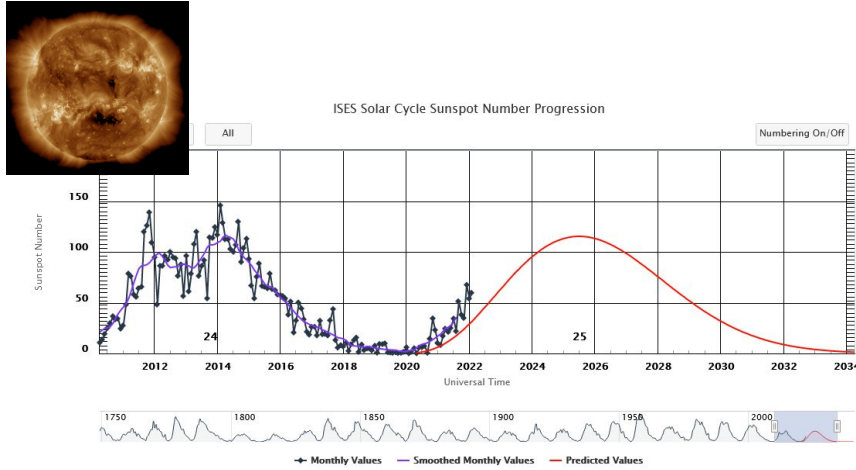
Providing weather, water, and climate data, forecasts, warnings **and Impact-based Decision Support Services** for the protection of life and property and enhancement of the national economy.



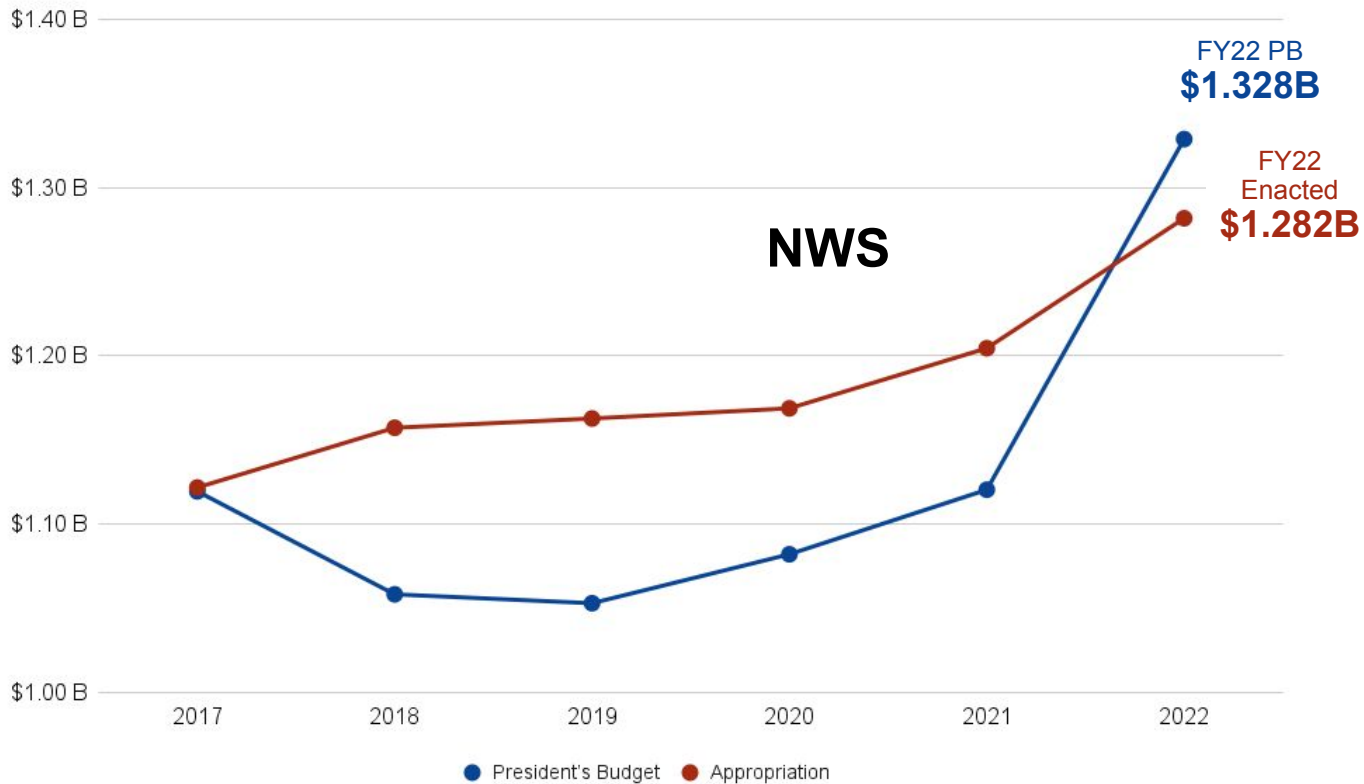
Realization: Can't Accomplish Mission without WRN and IDSS



NWS Forecasts and Impacts



President's Requested vs. Enacted Budget



Current NOAA Budget Sources

(Enacted or Proposed)

\$345M

Disaster Relief Supplemental Appropriations Act, 2022

- **Hurricane** intensity and track forecasting
- **Precipitation and Flood prediction**, forecasting, and mitigation capabilities
- **Wildfire** research to improve prediction, detection, and forecasting
- **HPC** - Weather and Climate **Research Supercomputers/** Other Infrastructure

\$4.16B

FY22 Omnibus - NWS \$1.28B

- **\$77M above NWS FY21 Enacted Budget**
- Provided funding increases for:
- **Climate observations and forecasting (NWS \$24.6M)**
 - **EIS:** \$12.6M
 - **IDP:** \$12M
 - **Supports the inflationary increases (ATBs) across all Portfolios**

\$2.96B

Infrastructure Investment and Jobs Act

- **Coastal and inland flood and inundation mapping and forecasting**
- **Precipitation Frequencies**
- **Fire weather**
- **Ocean and coastal observing systems**
- **Water Resources Development Act data acquisition**
- **Research Supercomputing**



NWS Strategic Planning to 2025

GOAL 1

Transforming Services

- **Equitable Service Delivery:** Historically underserved and socially vulnerable communities
- **NWS as a 'service outlet'** for Climate, Earth System Sciences
- **Customer Experience**

GOAL 2

Harnessing Science and Technology

- **Social Science "next mile"**
- Climate Science (S2S) and Services
- **Probabilistic Forecast Services**
- **Leveraging Technology;** testbeds for exploring future tools, workflows
- **Robust, secure, flexible, high capacity infrastructure**
- Monitoring and Evaluation

GOAL 3

Investment in People and Partnerships

- **NWS Culture/Workforce**
 - DEIA / Tiger Teams
 - OHI
- Training and professional development opportunities
- Evolving Business and Support Systems
- Reintegration



Priorities for Weather Research Report

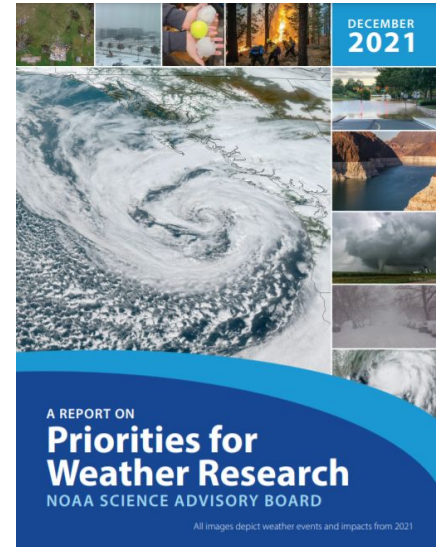
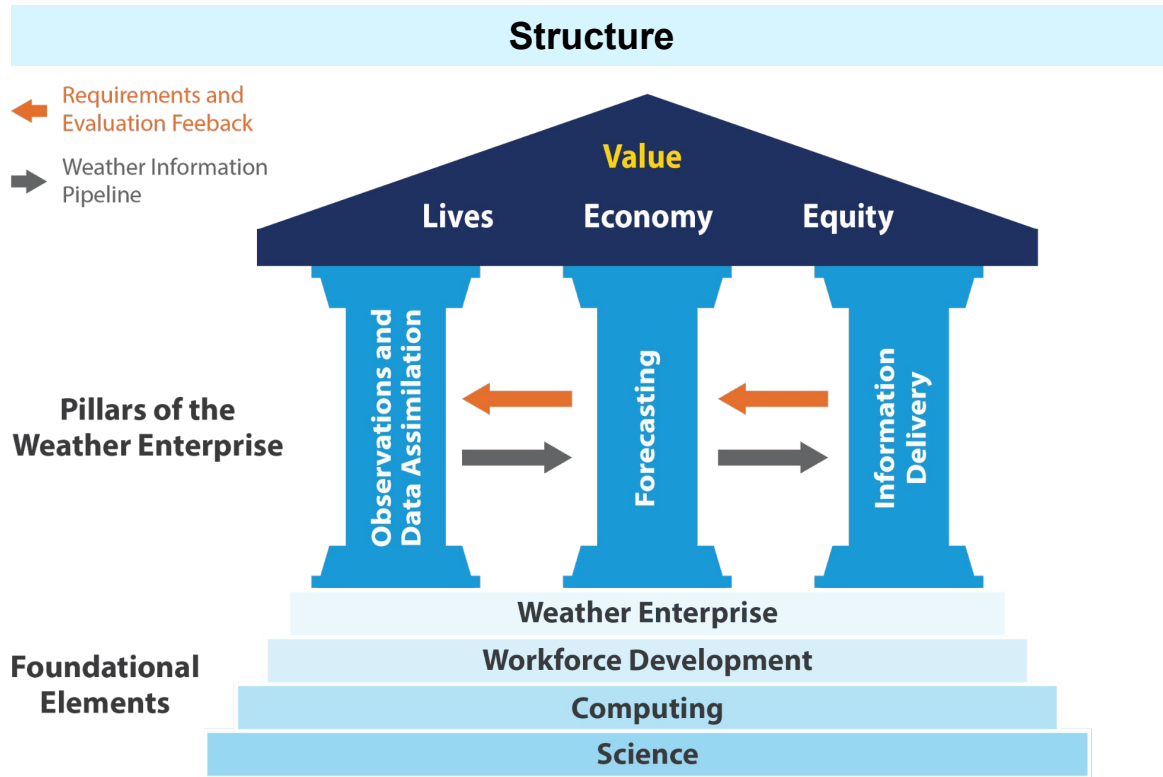


Figure 5, A Report on Priorities for Weather Research, December, 2021

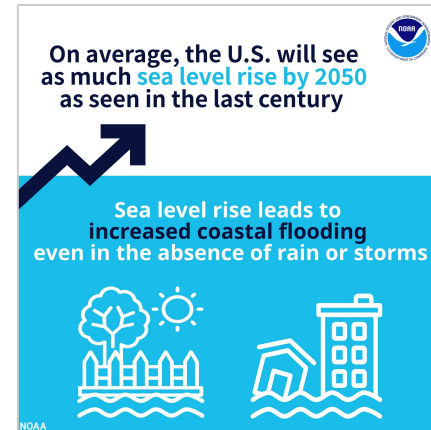


Climate Services



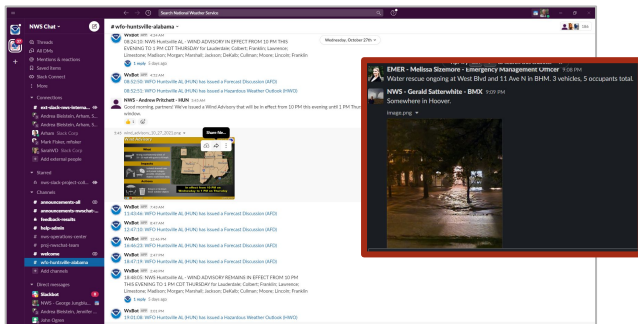
Looking Ahead

- Climate Ready Nation
 - Climate Impact Focus
- Role of Climate Observations
- Unified NOAA messaging on key topics
 - Sea Level Change
 - [2022 Sea Level Rise Tech Report](#)
 - Common message on extreme event frequency
- NOAA Service Outlet Contributor
- Subseasonal to Seasonal Improvements
- Heat Health Advancements



Dissemination Systems Status

NWSChat Long Term Solution



- Proceeding with an acquisition for a long term Commercial-Off-The-Shelf (COTS) solution

Complete: Successful demonstrations of a future NWSChat using Slack Platform

NWS Data and Services Enhancements

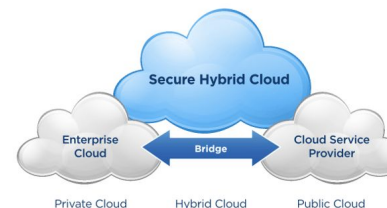
From legacy unsupported hardware



To IDP or Public Cloud



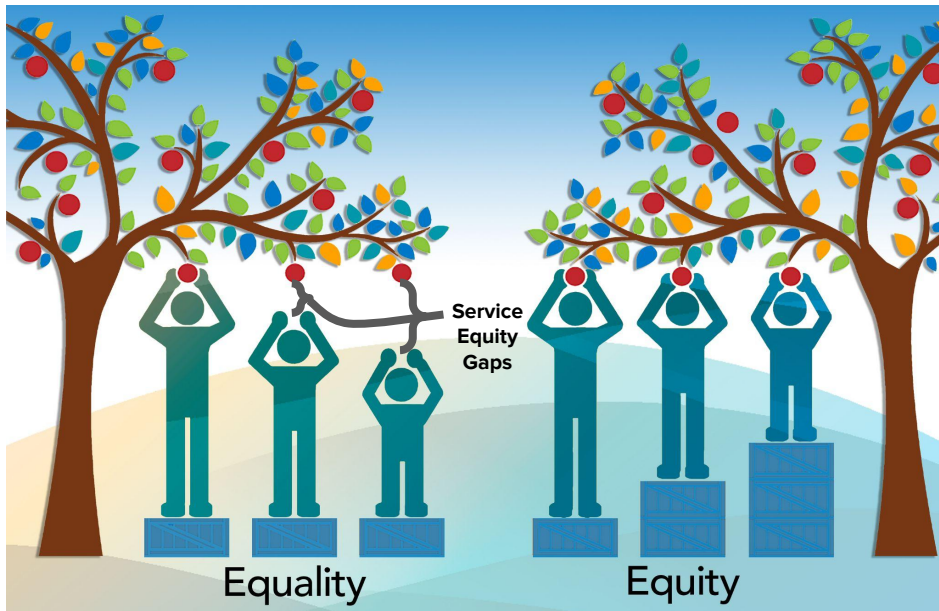
Analyze, refactor and move applications from legacy hardware to IDP or public cloud



Increasing, enhancing vendor 24x7 support services for applications, data, and web/GIS services delivered with a hybrid “cloud smart” approach

Equitable Services for a Weather-Ready Nation

“Building a Weather-Ready Nation, One Community at a Time”



“One-Size” Services
Unequal Outcomes

Equitable Services
Equality of Outcomes



NWS Partnership Strategy & Customer Experience

Goals for the NWS Partnership Strategy

- 1 Improve the overall NWS partnership experience
- 2 Further enhance and develop new ways of leveraging and using partnership capabilities to help realize the NWS vision
- 3 Understand the landscape of NWS partnerships and develop a clear strategic vision of which key partnerships to enhance and develop



NWS Customer Experience (CX) Project

CX is the **perception** that customers or partners have of their experience with the organization.

Outcomes:

- Assessment of NWS CX maturity
- NWS CX concept
- Recommended CX activities and initiatives
- Recommended CX training and metrics
- Journey mapping and best practices

FORRESTER

Focus of CX assessment on **Enterprise Partners**



Ongoing NOAA Stakeholder Engagement



NOAA Holds Regional Climate and Equity Roundtables

NOAA is convening a series of Climate and Equity Roundtables across the country to gather feedback from community partners to inform how NOAA provides climate services, engages with underserved and vulnerable communities and strengthens internal processes to respond to expressed needs.



Industry Listening Sessions

- Retail
- Insurance & Reinsurance
- Architecture & Engineering
- New Blue Economy
- Travel, Tourism & Recreation

NOAA Regional
Collaboration
NETWORK

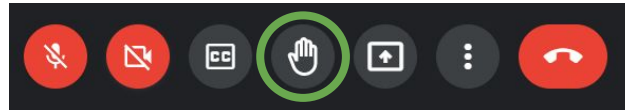


Ongoing NWS
Partner Calls



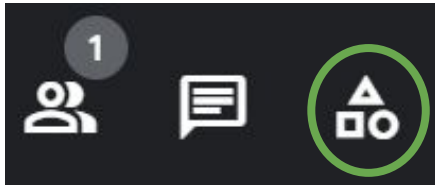
Open Discussion

Hand-raise Option



OR

Q&A feature



Q&A

Give everyone an easy way to ask questions

+ Ask a question

Future Engagements and Feedback Opportunities

- **WRN Ambassadors Roundtable:** April 20, 2022
- **AMS Washington Forum:** April 25-28, 2022 - Washington, DC
- **NWS Partners Meeting:** July 2022 - Boulder, CO
- Partner calls with NWS Acting Director: Ongoing
- Still accepting comments on NWS GIS National Map Viewer
[\[https://viewer.geospatial.weather.gov/general\]](https://viewer.geospatial.weather.gov/general)
- Summer engagement on updating IDSS Service Description Document (v 2.0)
- Comment request coming: New National Water Prediction Service webpage

THANK YOU!!

weather.gov/wrn/calendar

