

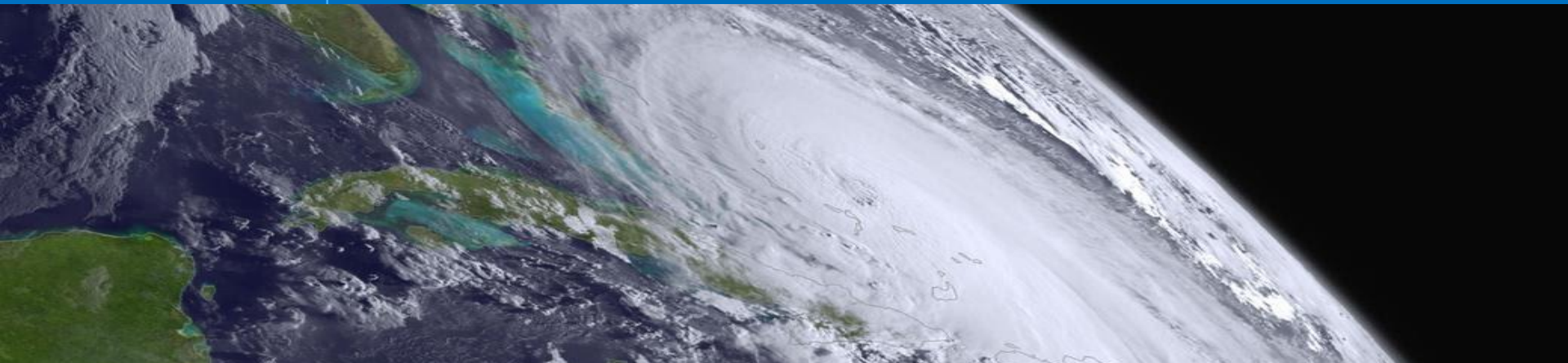


**NATIONAL  
WEATHER  
SERVICE**

# 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

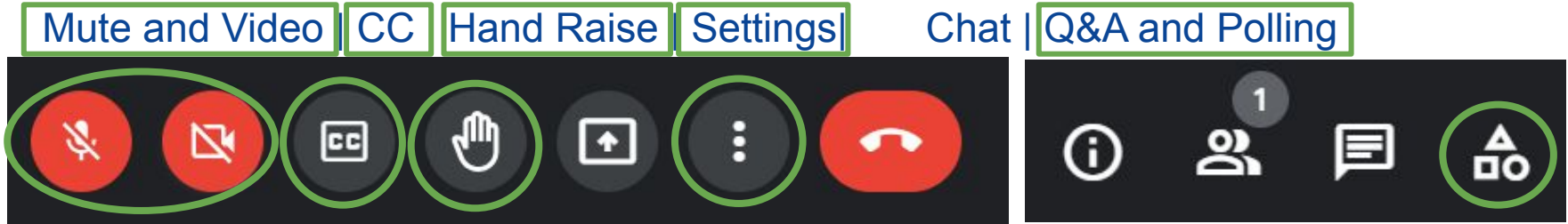
Acting Director, Ocean Prediction Center, NCEP



# 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](https://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.

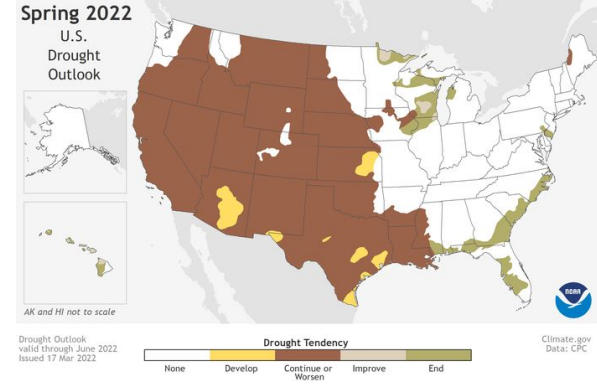
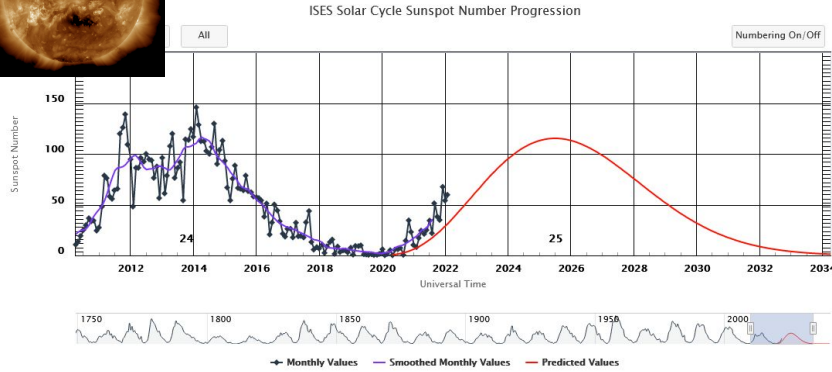
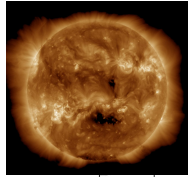


**Realization: Can't Accomplish Mission without WRN and IDSS**

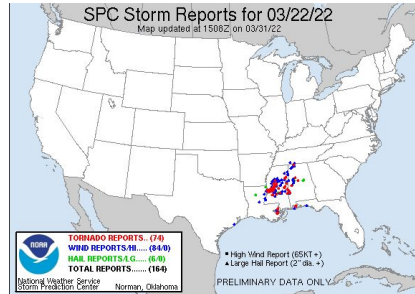
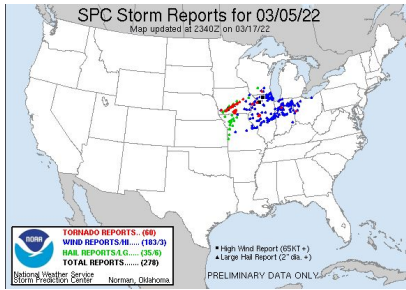
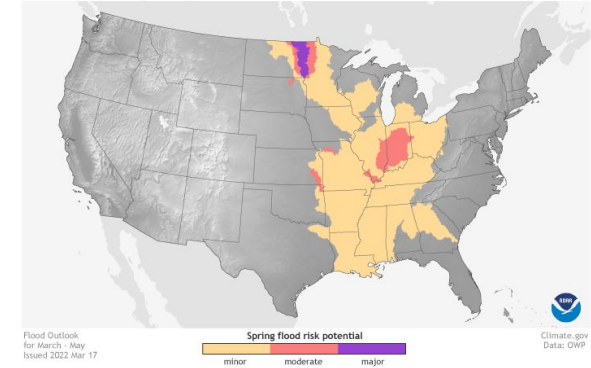




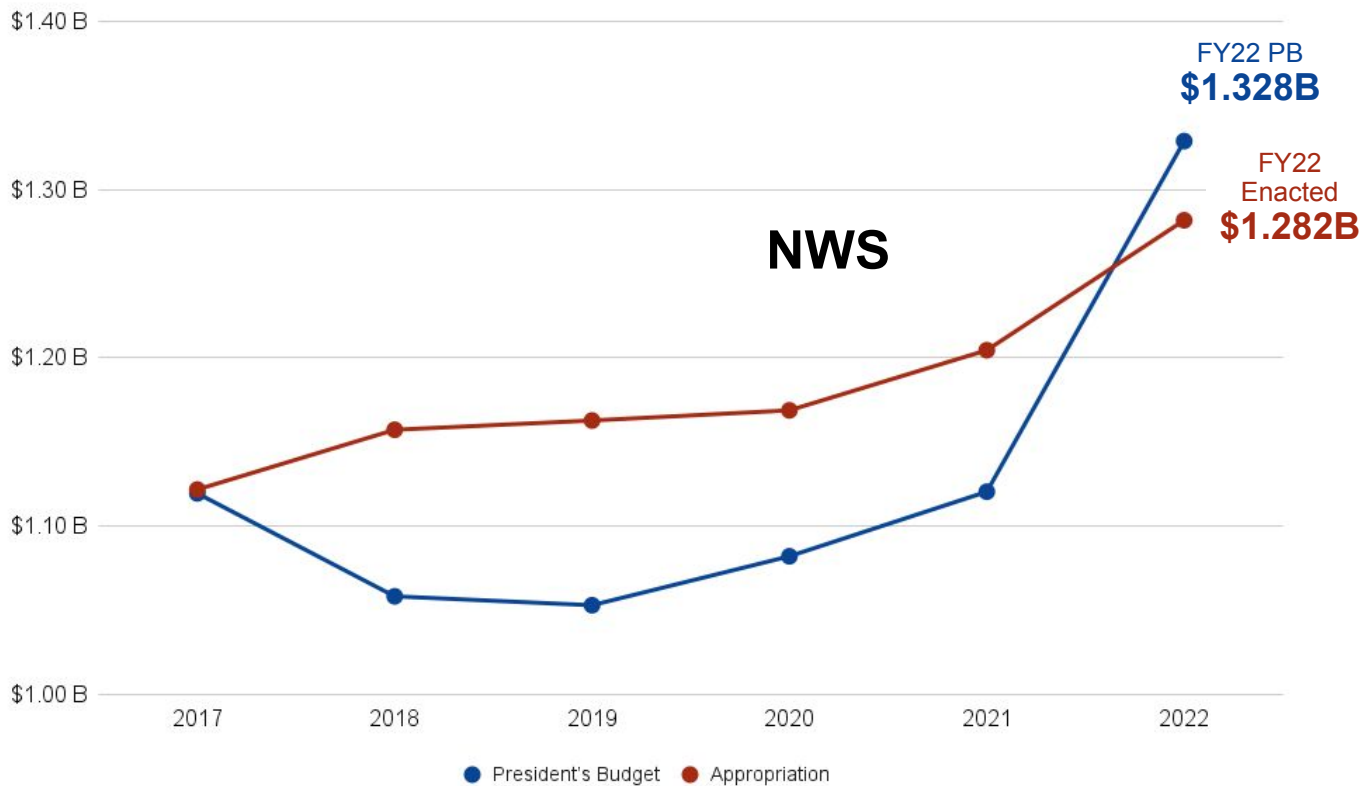
# NWS Forecasts and Impacts



## Spring 2022: U.S. Flood Outlook



# 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

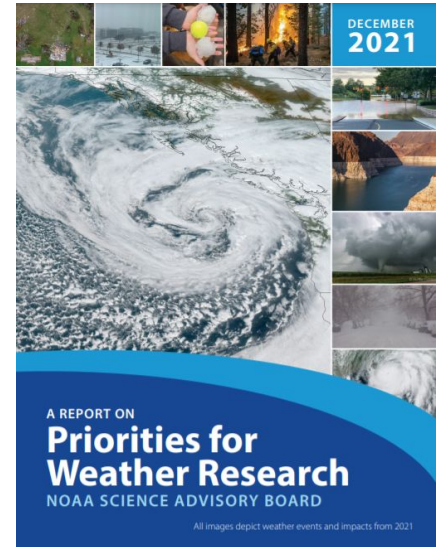
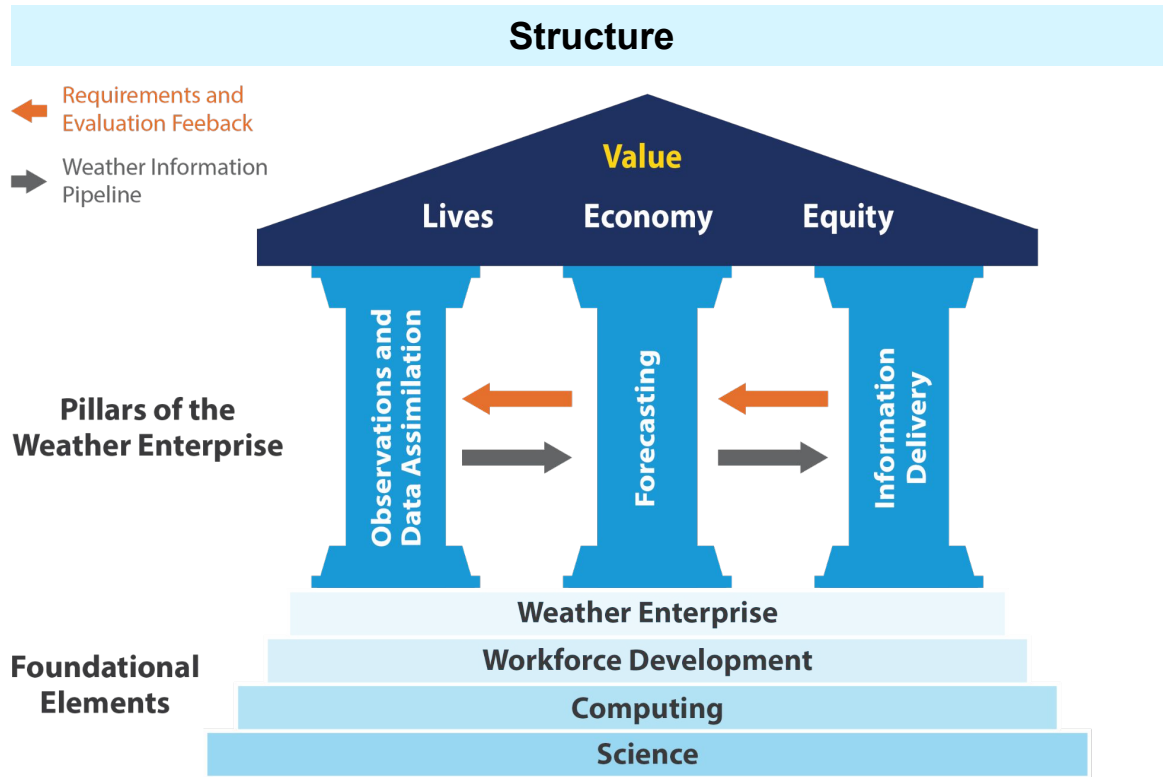


Figure 5, A Report on Priorities for Weather Research, December, 2021

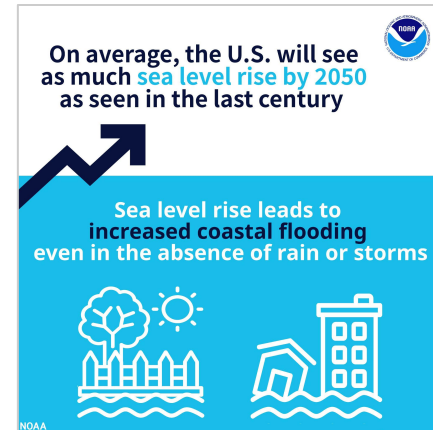


# Climate Services



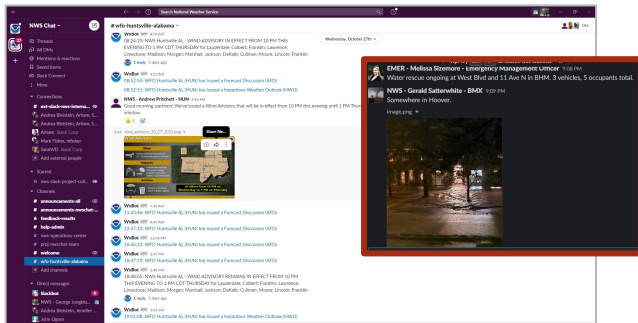
## Looking Ahead

- 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

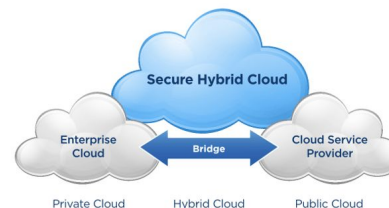
From legacy unsupported hardware



To IDP or Public Cloud



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

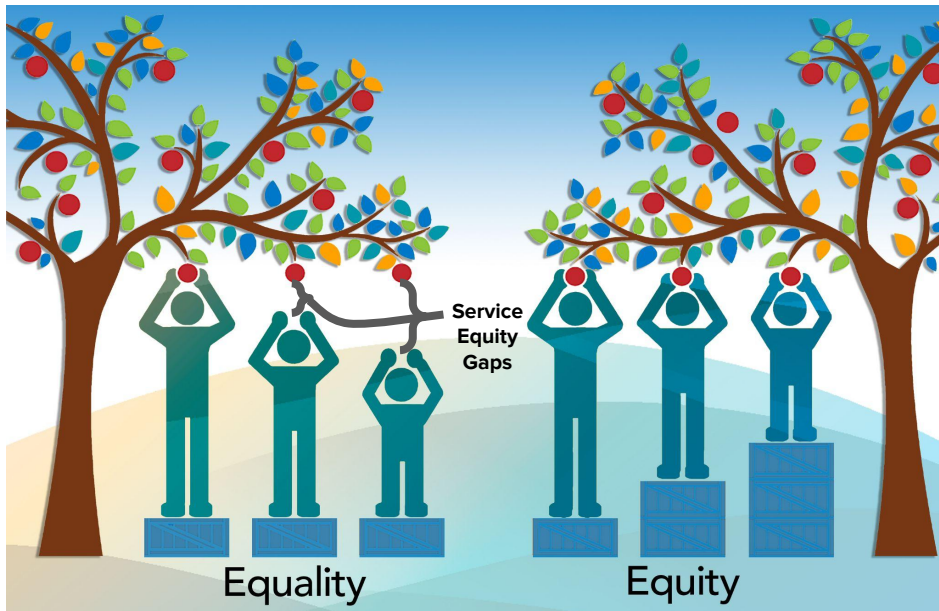


Increasing, enhancing vendor 24x7 support services for applications, data, and web/GIS services delivered with a hybrid “cloud smart” approach



# 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



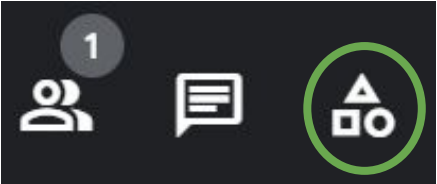
# Open Discussion

## Hand-raise Option



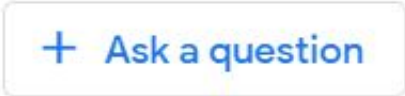
OR

## Q&A feature



Q&A

Give everyone an easy way to ask questions



# 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](https://weather.gov/wrn/calendar)

