



HURRICANE FORECAST IMPROVEMENT PROJECT



Welcome to the 2020 HFIP Annual Meeting

Organizing Committee

- Ed Rappaport - NCEP/NHC
- Frank Marks - AOML/HRD
- Dorothy Koch - NWS/STI
- S. Gopal - AOML/HRD
- Vijay Tallapragada - NCEP/EMC
- Avichal Mehra - NCEP/EMC
- Mark Demaria - NWS/NHC
- Youngsun Jung - NWS/STI
- Sikchya Upadhyay - NWS/STI
- Paul Kucera - NCAR/RAL

Agenda Outline

Day 1 (Nov 17):

- Programmatic Updates
- Forecaster needs and activities supporting operations

Day 2 (Nov 18):

- Updates from Current Operational Forecast
- HFIP Stream 2 results
- Special storm session

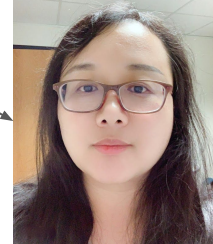
Day 3 (Nov 19):

- HFIP Supported External Research
- HAFS Development and Computations

NOAA NWS Science and Technology Integration (STI)-Modeling updates

STI-Modeling staff for hurricane modeling

- Dorothy Koch - Modeling Division Director
- Youngsun Jung - Hurricane Program Manager
- Maoyi Huang - COASTAL Act Program Manager
- Sikchya Upadhayay - Hurricane support
- Linden Wolf - Disaster Supplemental support

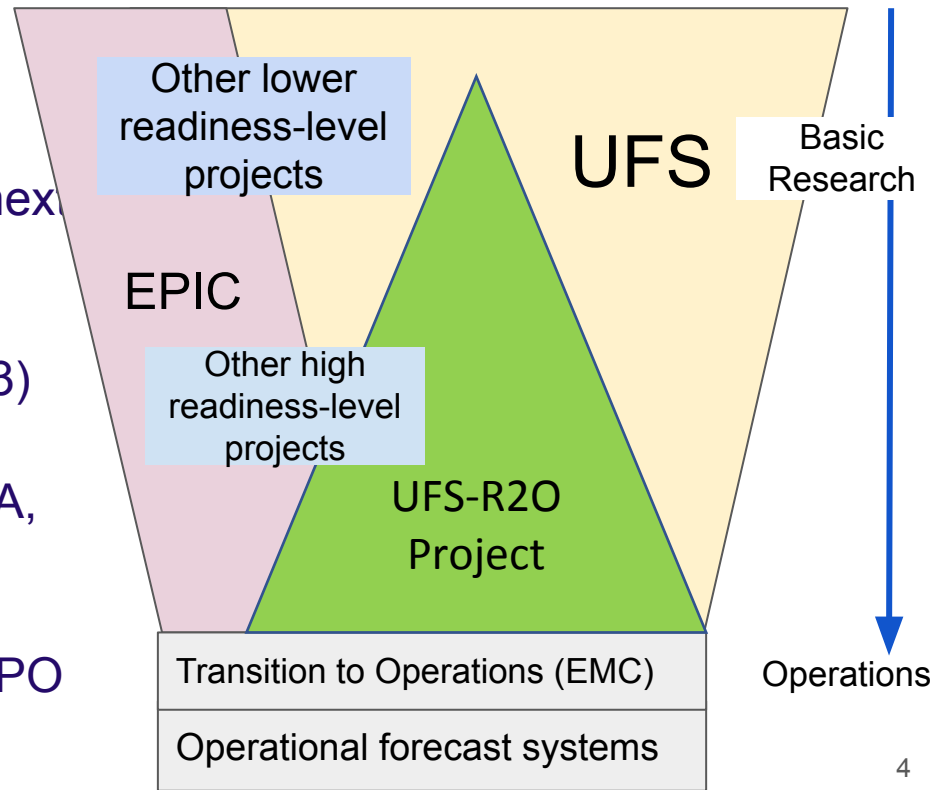


Unified Forecast System (UFS): Is a community-based set of forecast models

- These systems are on github and are being released with support to the community
- EPIC will be coming on-line to foster community engagement, cloud computing

UFS R20 Project

- NOAA's biggest sustained investment in the UFS
- Two-year project (FY20-21) to develop next 2 major operational ensemble forecast systems (FY24 implementations):
 - Global coupled (GFS v17/GEFS v13)
 - Regional (RRFS v1)
- Community: EMC, 5+ OAR-Labs, JCSDA, DTC, NCAR, Universities/CI's
- Collaboratively supported and managed between NOAA's NWS-STI and OAR-WPO

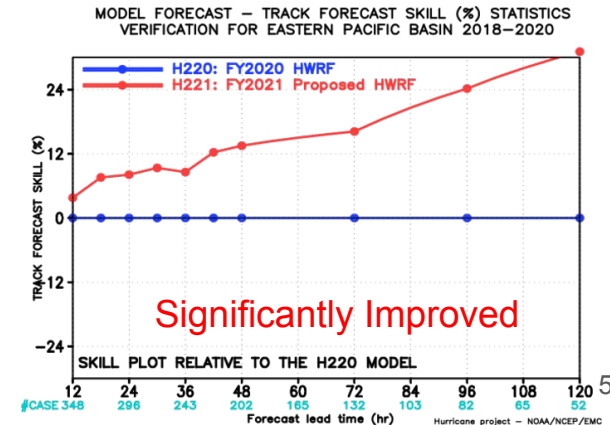
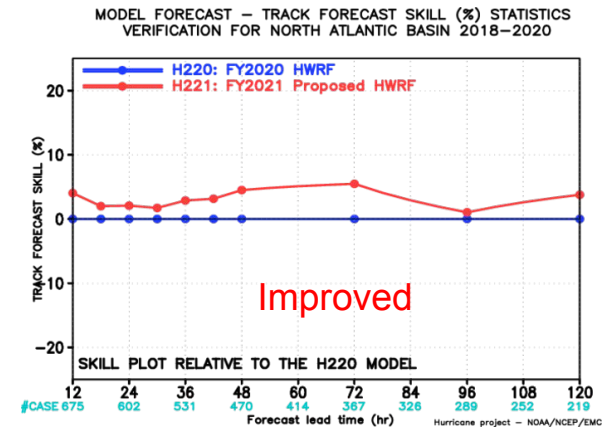


GSL, CSL,
NSSL, ARL,
NESDIS



Goals for hurricane modeling

- The UFS R2O Project includes support to EMC for HWRP and HMON and HAFS developments
- UFS R2O Phase 2 (FY22-24?) could include a full hurricane Application Team
- Hurricane-community modeling goals
 - Release HAFS!
 - Broader users and collaborators
 - Cloud computing



Ground Rules

1. Chairs and co-chairs, please give a 2-min verbal warning for a 10-min talk, and 5- and 2-min warnings for a 20-min talk to keep the meeting on time.
2. Please mute your microphone and turn your camera off when you are not speaking.
3. Please ask questions through chat. The session co-chair will monitor chat for questions.
4. Please put your comment in the chat.
5. Please note that this will be recorded. Let us know if you do not consent to release of your recording.



HFIP Display Survey Link

Hurricane Forecast Improvement Program | NOAA

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HFIP Annual Review Meeting | November 17-19, 2020



About **Agenda** Registration

[Final Agenda](#)

[HFIP Display Survey Link](#)

http://www.hfip.org/events/annual_meeting_nov_2020/index.php