

Earth Prediction Innovation Center - Community Engagement

KEY PARTNERS



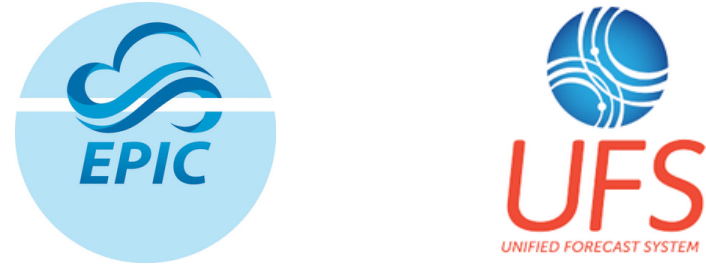
ACKNOWLEDGEMENT

- NOAA OAR: WPO, GSL, PSL, NSSL, CSL, AOML, GFDL
- NOAA OPEN DATA DISSEMINATION (NODD) PROGRAM
- NWS: EMC, OSTI
- DTC
- UCAR: CGD, JCSDA
- ACADEMIA: GEORGE MASON UNIVERSITY, OKLAHOMA UNIVERSITY, UNIVERSITY OF MICHIGAN
- COOPERATIVE INSTITUTES: CIRES, CIMSS
- CSPS: AWS, AZURE, AND GOOGLE CLOUD
- OCIO/GDIT/PWS



EPIC AND UFS MISSIONS

EPIC's mission is to accelerate contributions to the Unified Forecast System (UFS).



The UFS' mission is to become the most accurate and reliable forecast modeling system in the world.

USER SUPPORT

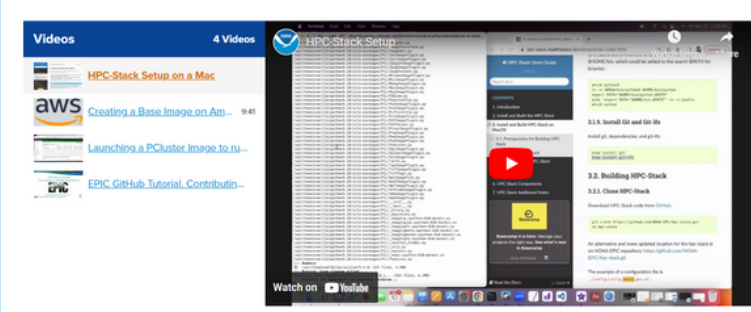
Each Unified Forecast System (UFS) application, model, or component has its own code repository on GitHub, and each repository includes a wiki, question forums, and bug reporting. EPIC provides user support for many UFS repositories. Check out our user support portal:



TUTORIALS

EPIC supports hands-on training, through its use of tutorials. These video series walk you through running the short range weather application on a Mac, AWS, Azure or locally.

Tutorials



HPC-Stack Setup on a Mac

In this video, we'll guide you through the process of installing and building HPC-Stack on MacOS systems with M1/M2 or x86_64 architecture.

The Tutorial series allow new users the hands-on ability to build, run, and train on small test cases of the LandDA and SRW applications. Most importantly: please let us know if you have ideas you would like to be made into a tutorial!



GOT CODE?

Where do I get started?

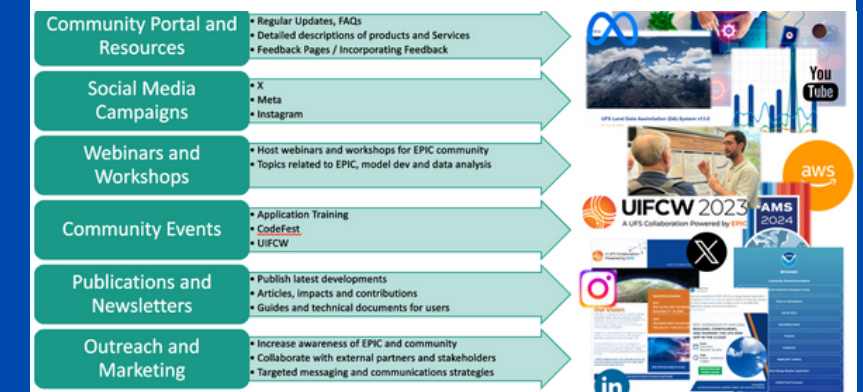
The Unified Forecast System (UFS) is a community-based, coupled, comprehensive Earth modeling system. NOAA's operational model suite is quickly transitioning to the UFS.

Come to the EPIC "Get Code" content area to learn how you can get started working with UFS applications.



COMMUNITY ENGAGEMENT

EPIC can support your numerical weather application journey in several ways:



Social Media:



Community Events:



Community Portal:



COMMUNITY DASHBOARD

Dashboard supports open source innovation and code transparency for the community

ufs-srweather-app Build History

Title	State	Result	Duration	Timestamp	Artifacts
PR-883 #2	FINISHED	ABORTED	171.69	2023-08-17T20:06:07	Select an artifact
PR-883 #1	FINISHED	FAILURE	171.69	2023-08-17T13:36:18	Select an artifact
PR-890 #1	FINISHED	FAILURE	193.3	2023-08-18T16:11:53	Select an artifact
PR-836 #3	FINISHED	SUCCESS	128.93	2023-08-14T15:00:51	Select an artifact
PR-836 #2	FINISHED	SUCCESS	128.93	2023-08-11T23:07:38	Select an artifact

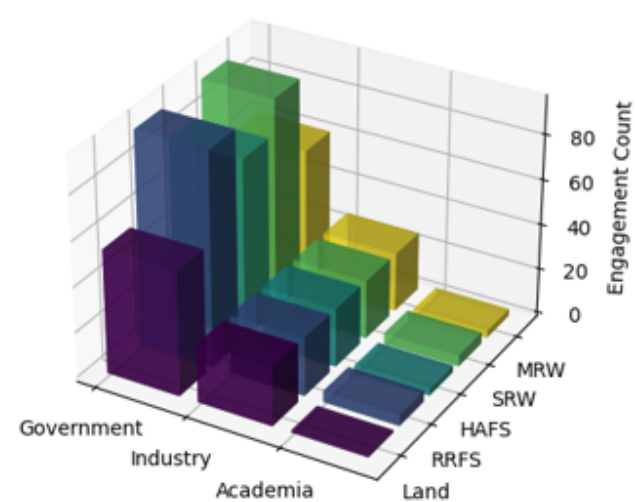
Artifact Output

- Forecast skill
- Software performance
- SonarQube
- Test, build, and pipeline artifacts

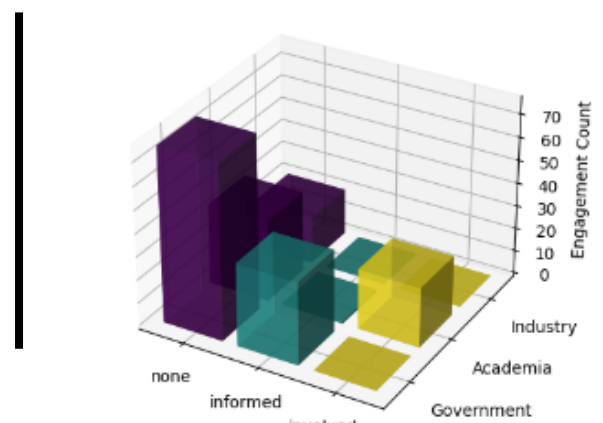


KEY STAKEHOLDERS

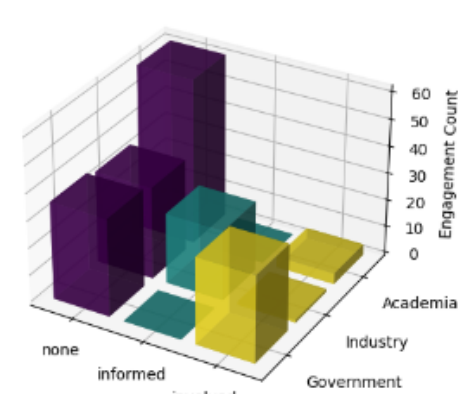
EPIC Key Stakeholder involvement



Stakeholder involvement for LandDA



Stakeholder involvement for SRW



EPIC WEBSITE

