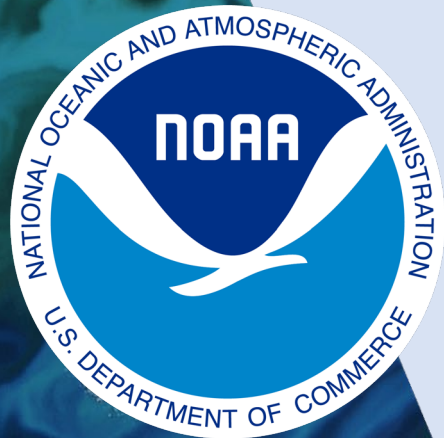


Introduction to NOAA & NESDIS

2023 CoRP Science Symposium
Madison, Wisconsin



National Environmental Satellite,
Data, and Information Service

4/25/2023

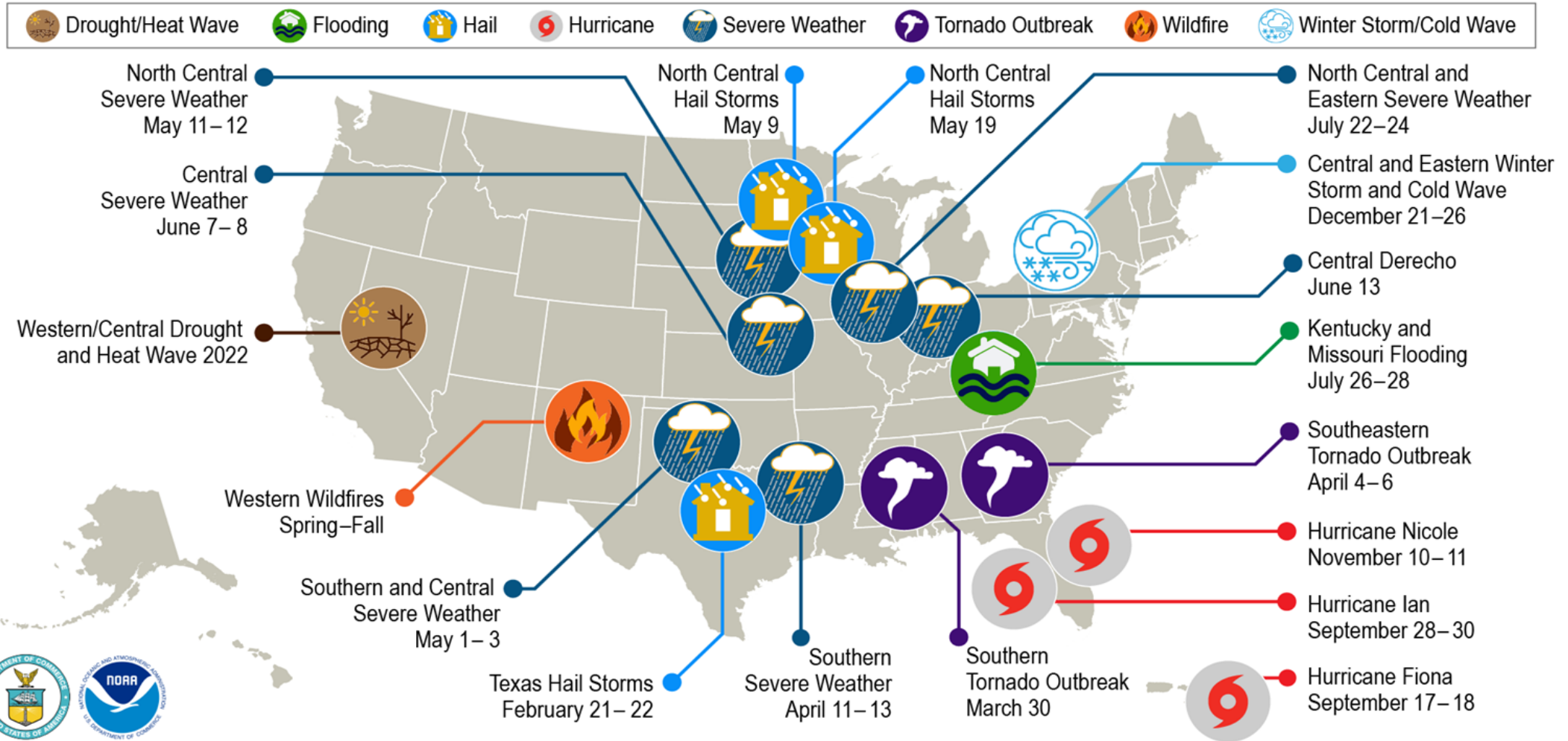
Paul DiGiacomo, Principal Science
Advisor, NESDIS/STAR

Providing Support for Crisis Response and Economic Recovery



Improving Local Information and Understanding

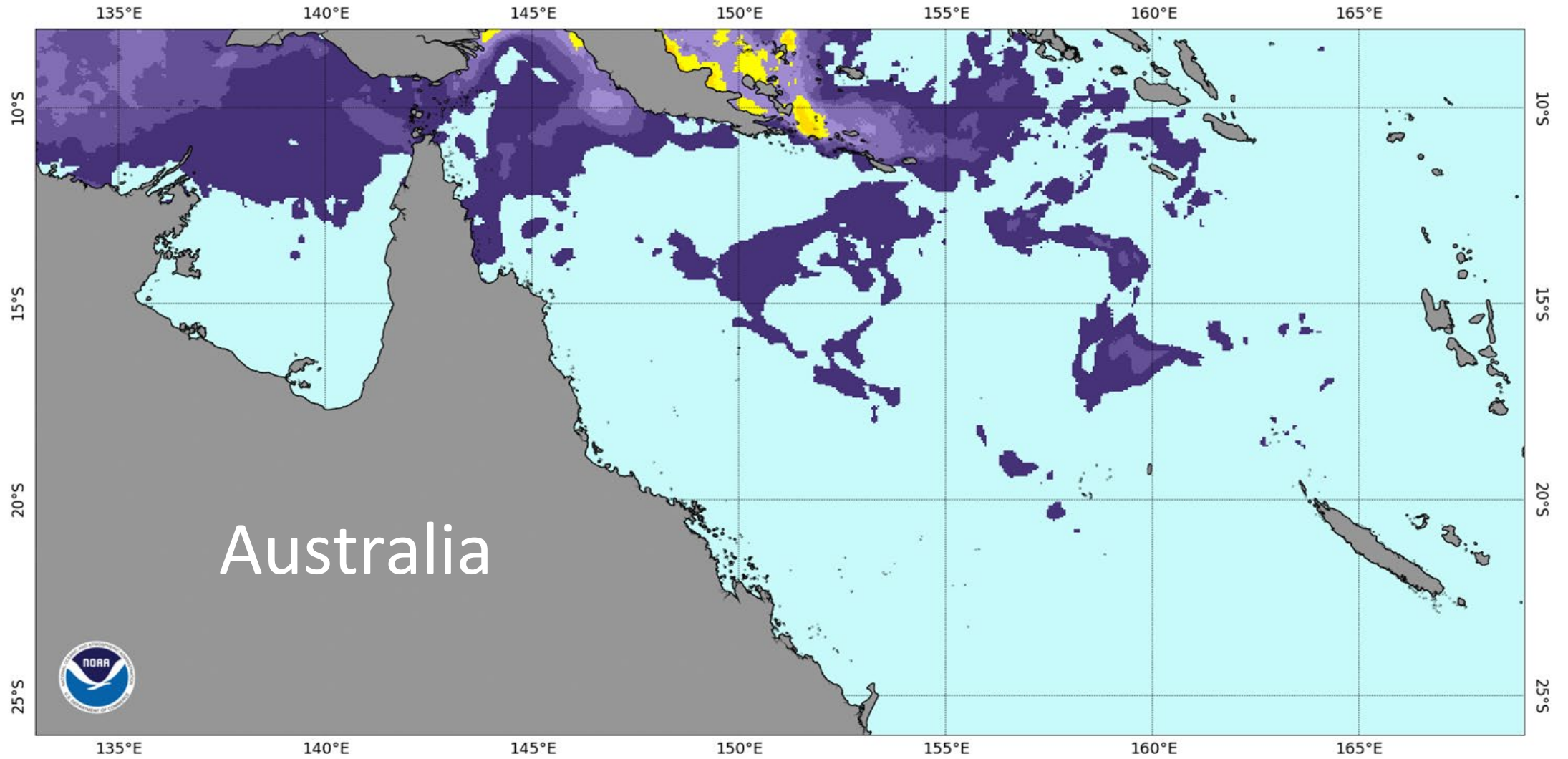
U.S. 2022 Billion-Dollar Weather and Climate Disasters



This map denotes the approximate location for each of the 18 separate billion-dollar weather and climate disasters that impacted the United States in 2022.

Protecting Coastal & Marine Natural Resources

NOAA Coral Reef Watch Daily 5km Degree Heating Weeks (v3.1) 1 Dec 2021



NOAA Priorities

Science, Service, and Stewardship



CLIMATE

Establish that NOAA is **the authoritative source** for climate products and services that can be applied to a diverse range of missions.



BALANCE

Advance NOAA's complementary work on **environmental stewardship and economic development** with a particular focus on the New Blue Economy.



EQUITY

Exhibit equity in how NOAA builds and provides services. Promote diversity, equity, inclusion, and accessibility in the workforce. Provide **equitable access to NOAA products and services.**

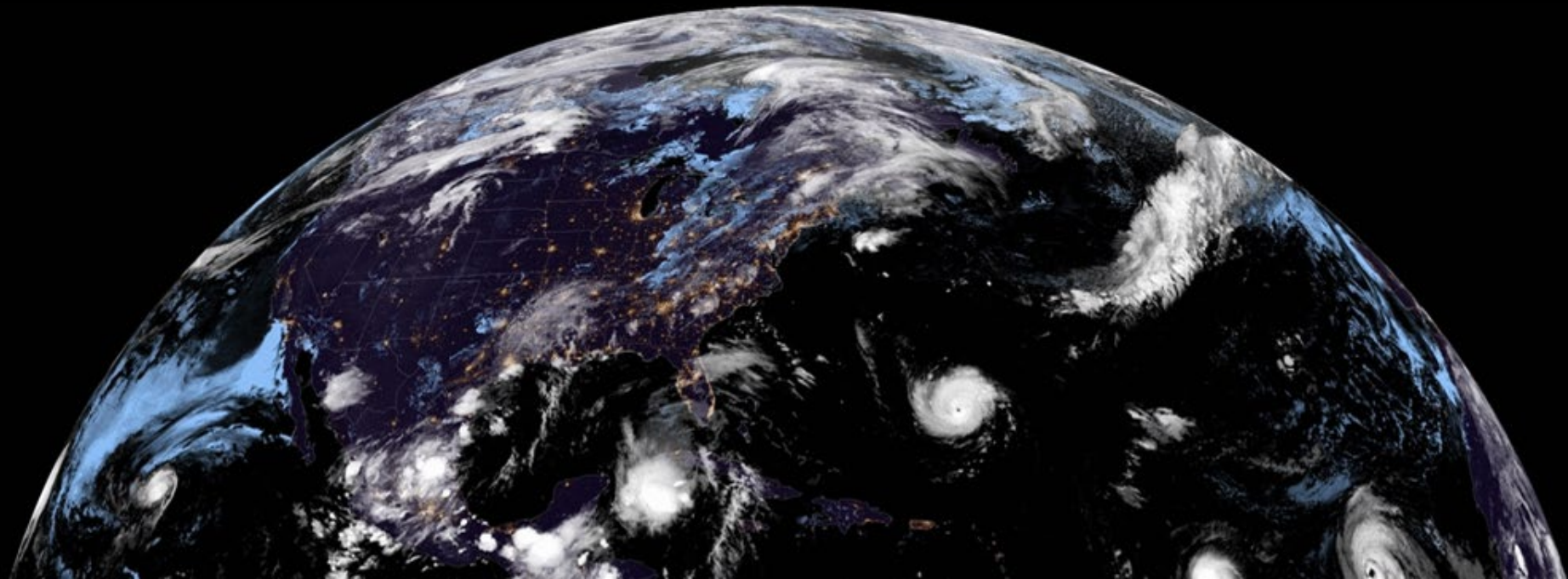




Climate-Ready Nation

2030 Vision Statement

A thriving Nation whose prosperity, health, security, and continued growth benefit from and depend upon a shared understanding of, and collective action to reduce, the impacts of climate change

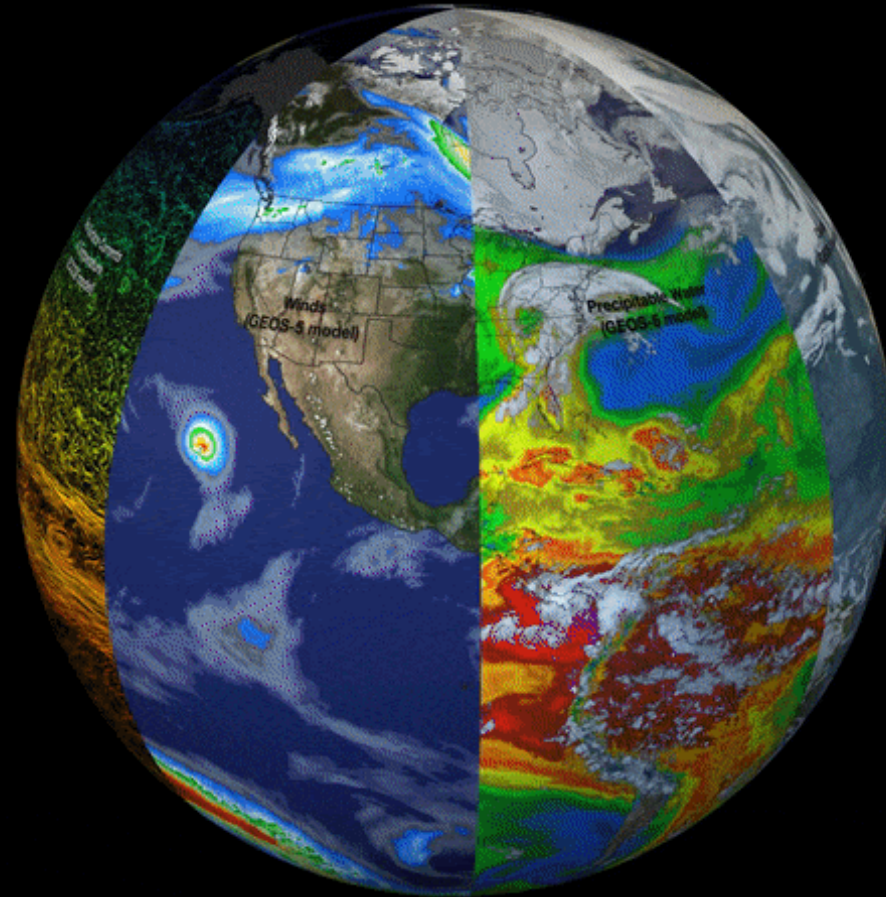


We are a trusted source of environmental information for the United States...

...with a global perspective

NESDIS Mission

Provide a truly integrated digital understanding of our earth environment that can evolve quickly to meet changing user expectations by leveraging our own capabilities and partnerships



Observing and Data Systems for Societal Impact



Our satellite data, products and services are foundational to NOAA's mission. The delivery of timely, accurate, precise, accessible, and useable information drives public response, understanding, and preparedness.

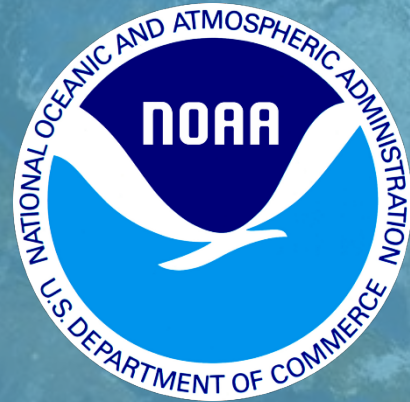
NESDIS data touches people's lives every day.



Learn more: <https://rb.gy/k702y>

Making Data Actionable

Earth Observing



*Scientific
Data
Stewardship*

Authoritative Products & Services for Decision-Making



The Cooperative Institutes



CIMERS
CIMRS



CICOES



CIRES
CIESRDS

CIRA

CIWRO
CIMMS



CIMEAS



CIMSS

CIGLR



CISESS



NGI

CIROH



CIMAS



CINAR



OECI
CESSRST
CIMES



Blue: NESDIS-Managed Cis

Purple: Close NESDIS Partnerships with Cis

Red Star: Partner CSC

Early Career Opportunity (ECO) Program Overview

NESDIS Workforce Objective



Ensure 12% composition of the NESDIS workforce is early-career employees (defined as PB I, II, and select IIIs) by leveraging early-career programs & hiring strategies to support mission priorities

Currently, 5% of NESDIS positions are “early-career”

(includes vacant and filled)

Scope: Defining “Early-Career”

- All Pay Band I & II positions (and career ladder equivalents)
- Select Pay Band III positions:
 - All Schedule D, CCA DHA, and Sea Grant DHA hires
 - R&D positions
- Any non-billeted internship, fellowship, or scholarship opportunity eligible for non-competitive hiring authority

FY22 ECO Program Highlights

- 9 Hollings Scholars
- 7 normal ECO recruitments completed
- 19 active normal ECO recruitments
- 1 completed ITFP Pathways recruitment
- 4 SIP active SIP Pathways recruitments
- 4 Knauss Fellows
- 10 Lapenta Interns

NESDIS is pursuing all available avenues to early-career hiring

Pathways (Federal Internships)			Internships	Scholarships	
Internship Program	Recent Graduate Program	Presidential Management Fellowship Program	William M. Lapenta NOAA Student Internship Program	Ernest F. Hollings Undergraduate Scholarship Program	Educational Partnership Program with Minority Serving Institutions (EPP/MSI)
<ul style="list-style-type: none"> NOAA Summer Intern Program (SIP) 	<ul style="list-style-type: none"> NOAA Honors Program (NHP) NOAA OCIO Information Technology Fellowship Program (ITFP) 	<ul style="list-style-type: none"> Presidential Management Fellowship Program (PMF) 	<ul style="list-style-type: none"> Lapenta Program 	<ul style="list-style-type: none"> Hollings Program 	<ul style="list-style-type: none"> Undergraduate Scholarship Program (USP) Graduate Programs (CSCs & NERTO) <ul style="list-style-type: none"> NOAA CESSRST (formerly CREST) NCAS-M
Eligible for Federal conversion via Schedule D Hiring Authority			Eligible for Federal conversion via Conservation Corps Act Direct Hire Authority (CCA DHA)		

Fellowships		Program Partnerships
NOAA Cooperative Institutes (CI's)	Sea Grant Knauss Fellowship	
<ul style="list-style-type: none"> CIMSS CIRES (UCB) CISESS (UMD & 20 consortium members) 	<ul style="list-style-type: none"> Knauss 	<ul style="list-style-type: none"> NASA DEVELOP Marion Barry Summer Youth Program (MBSYP) Eleanor Roosevelt High School Mentorship
Not eligible for Federal conversion via Schedule D Hiring Authority or CCA DHA	Eligible for Federal conversion via CCA DHA	Not eligible for Federal conversion via Schedule D Hiring Authority or CCA DHA

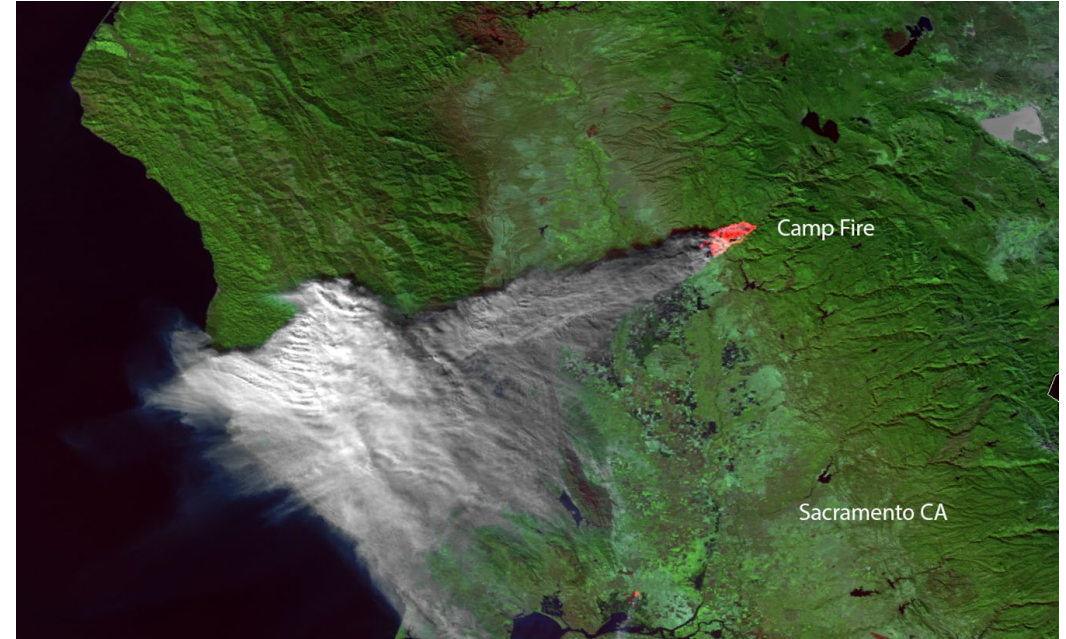


Students - We Need You!

- Our planet is changing at a rate unprecedented in human history
- Climate and environmental change is impacting all nations, ecosystems, and people
- Rapid technological advances in satellites and data science allow us to observe more than ever before
- The scale and diversity of the solutions must mirror those of the challenges
- We need a workforce that can tackle these problems
- We need your background & experiences to understand and improve our world

NOAA-20 captured this image of the destructive California Camp Fire in November 2018.

Source: NOAA NESDIS



Aftermath.
Source: NOAA

Thank you!

Questions?

