



Climate Program Office Review

May 24-26, 2022

Pre-Recorded Presentation

Introducing Review Activity Area #4

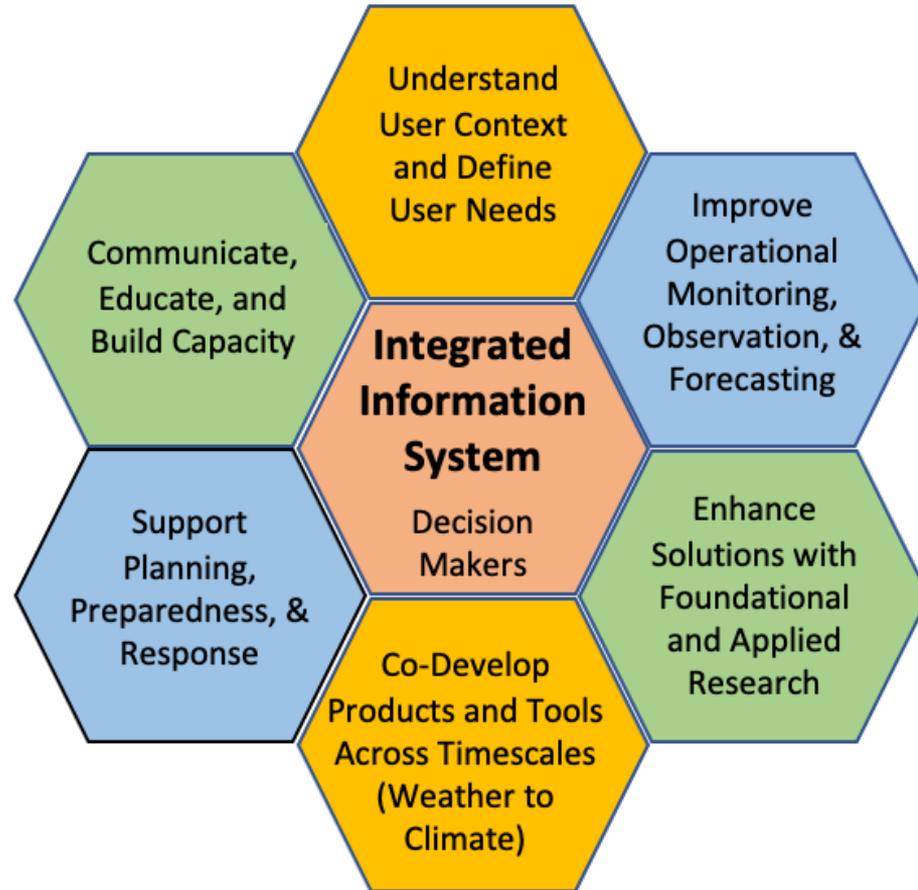
Integrated Information Systems,
Risk Areas Initiative, Assessments

Benjamin DeAngelo, Deputy Director
Climate Program Office

Pre-recorded Presentations

- National Integrated **Drought** Information System (NIDIS) Program
Presenter: Veva Deheza
- NIDIS U.S. Drought Portal (Drought.gov)
Presenter: Kelsey Satalino
- National Integrated **Heat Health** Information System (NIHHIS)
Presenter: Juli Trtanj
- Risk Areas Initiative
Presenter: Paul Hirschberg
- Assessments Overview
Presenter: Dan Barrie

Activity Area 4: *What we mean by Integrated Information System*



Activity Area 4. Integrated Information Systems (IIS)

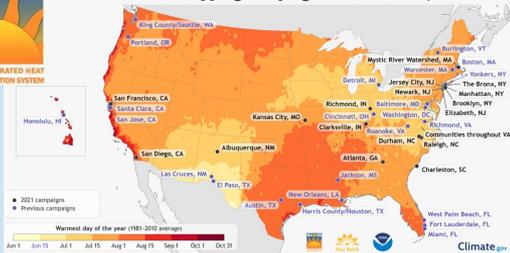


CPO is home to two interagency-driven IIS's that are responsive to the increasing societal demand for climate information that is **actionable, accessible, and equitable**:

- The National Integrated Drought Information System ([NIDIS](#)), established by Public Law (authorized in 2006; 2014 & 2019 updates), is mandated to establish a national drought early warning system that helps the nation to proactively understand and manage drought risks and impacts.
- The National Integrated Heat Health Information System ([NIHHIS](#)), which is emerging and getting Congressional attention, seeks to improve Federal, state and local planning, preparedness and response for extreme heat and its health impacts.



Urban Heat Island Mapping Campaigns: All Locations, 2017-2021



Activity Area 4. Climate Risk Areas Initiative



Advance climate science and reduce impacts in key societal climate risk areas for which CPO's capabilities and NOAA's mission are well aligned.

The climate risk areas are currently:

- Coastal Inundation
- Marine Ecosystems
- Water Resources
- Extreme Heat

Other motivations:

- increase cohesion across CPO
- ensure significant resources are going towards the biggest societal problems
- strengthen partnerships inside and outside of NOAA



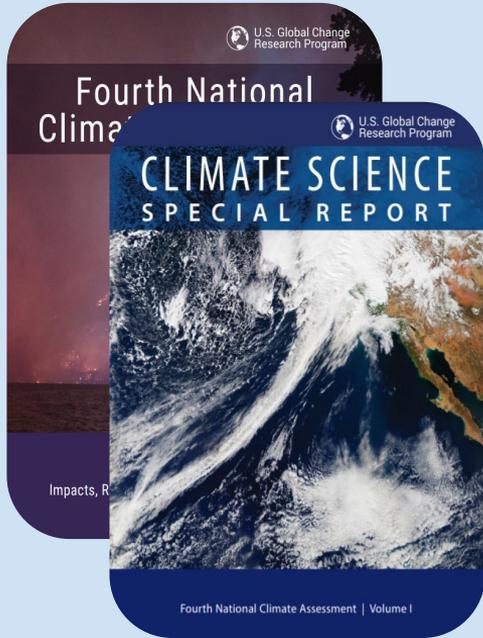
Activity Area 4. Assessments



The Assessments Program aims to improve our ability to understand, assess, anticipate, and respond to the impacts and vulnerabilities associated with environmental and climate change, primarily in the United States.

The Program supports climate assessments at national and regional scales.

Funding from the Assessments Program supports the development of the National Climate Assessments. The quadrennial National Climate Assessment is mandated by the 1990 Global Change Research Act





Thank you!