



The Role of NIDIS in Drought and Health

Joel Lisonbee
National Integrated Drought Information System (NIDIS)

Drought and Human Health Workshop February 26-27, 2020

Overview

- What is NIDIS?
- What is a Drought Early Warning System (DEWS)?
- NIDIS's interest and involvement in health





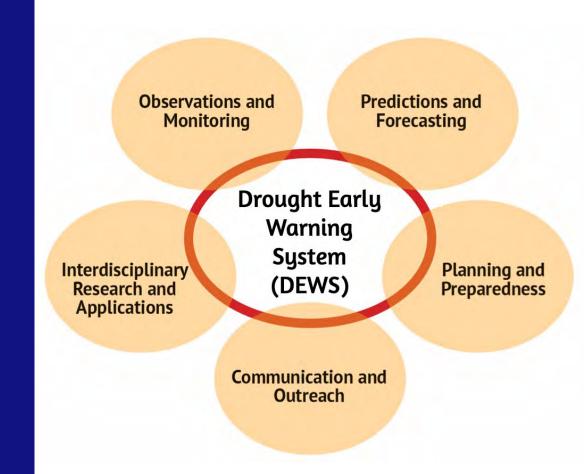
APPROACH

Drought Early Warning

"A system that collects and <u>integrates</u> <u>information</u> on the key indicators of drought in order to make usable, reliable, and timely drought forecasts and assessments of drought...

...and communicates drought forecasts, conditions, and impacts on an ongoing basis to decision makers, the private sector, and the public."

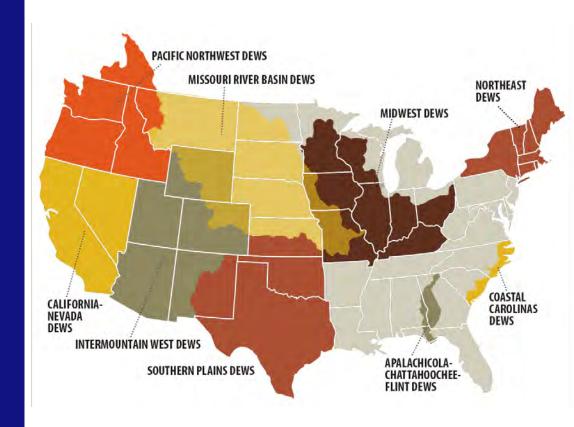
NIDIS Public Law



REGIONS

Drought Early Warning Systems

A Drought Early Warning System
(DEWS) utilizes new and existing
networks of federal, tribal, state, local
and academic partners to make climate
and drought science <u>accessible</u> and
<u>useful</u> for decision makers.



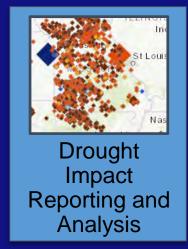
Strategize Effective Ways to Approach Complex Topics Across Regions

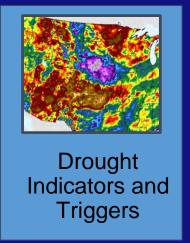


Drought & Public Health



Drought and Wildfire









Drought & Public Health Linkages

2018-2020 Activities:

- Formed a National Drought & Public Health Working Group
- Held a 2019 Public Health Summit (June 2019)
- Host a series of Regional Drought & Public Health Workshops
- Support research & communication of linkages
- Create a public health sector page on drought.gov
- 2020 NIDIS Drought & Public Health Strategy

















June 17-19, 2019 | Atlanta, GA

National Drought & Public Health Summit

- Discuss ways to better prepare our public health agencies and organizations for the health hazards associated with drought
- 54 attendees from local, state, federal, tribal, nonprofit, and academic partners
- Example Key Priority Actions:
 - Technical meeting on public health and drought indicators
 - Research needs, e.g., human health costs of drought;
 mental health impacts of drought
 - Communication materials
 - Integration of the public health sector into the regional NIDIS DEWS

REGIONAL DROUGHT & PUBLIC HEALTH WORKSHOPS:

Preparing for the Health Effects of Drought



- Build on Summit Outcomes, Share Information, Connect Drought and Health Communities
- Tailored around regional droughtrelated public health impacts
- 6 workshops from 2019-2021



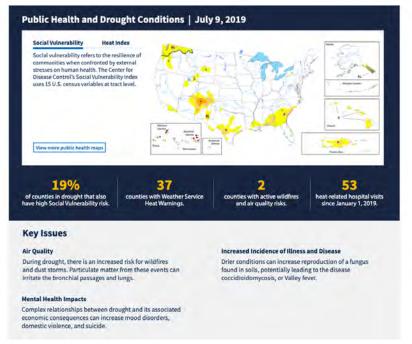




U.S. Drought Portal (Drought.gov) Redesign

- Improved site navigation
- Sector specific information
- Localized information
- Highlight drought research





Thank You!

joel.lisonbee@noaa.gov







@DroughtGov



