



Drought and Infrastructure A Planning Guide



OVERVIEW

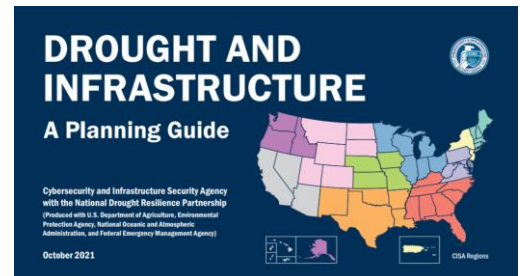
The *Drought and Infrastructure: A Planning Guide* (Drought Guide) is designed as a brief introduction to the topic of drought, how it can affect infrastructure operations, and planning tools to reduce risk. The guide is intended to be used as a resource for CISA Regions and PSAs who receive stakeholder requests related to drought; however, state and local planners, emergency managers, and infrastructure owners and operators may also benefit from the guide. The Drought Guide includes:

- An overview of the drought hazard and federal information sources on drought risk;
- Examples and an illustrative graphic of direct and indirect impacts that drought can have on infrastructure systems;
- A table of federal tools and resources to assess vulnerability or mitigate risk of drought; and
- A list of additional drought information resources and references.

DROUGHT PLANNING AND ADAPTATION CONSIDERATIONS & RESOURCES

The Drought Guide includes a table of mitigation tools and resources from other agency members of the National Drought Resilience Partnership organized by the steps outlined in the Infrastructure Resilience Planning Framework (IRPF) and typical planning processes.

- Lay the Foundation – Tools to assist in **identifying a collaborative planning group**, engaging infrastructure stakeholders, and **reviewing existing drought threats and hazards** that may be relevant to the planning effort to **prepare for drought and monitor mitigation** and adaptation outcomes.
- Critical Infrastructure Identification – Resources to help **identify potential critical infrastructure disruptions** resulting from drought and prioritize services and facilities for action.
- Risk and Vulnerability Assessment – Tools to help identify primary, secondary, and cascading **consequences of drought**, while also considering and **prioritizing impacts to the economy, health, and vulnerable populations**.
- Develop Actions – Program resources, ideas, and best practices that **support development of mitigation strategies and adaptation plans** to address priority infrastructure risks from drought to achieve community resilience goals.
- Plan Implementation and Monitoring – Resources that help communities **implement drought measures** through incorporation into existing local and regional plans and **identify technical assistance and financial resources** for drought planning and mitigation.



BENEFITS OF THE DROUGHT GUIDE

The Drought Guide is a succinct, but inclusive, compilation of drought-related resources for addressing the impacts of drought on infrastructure that is essential to the livelihood and resilience of communities across the nation. There is a strong emphasis on planning for drought due to the drop in reservoir levels, increased fire, and destruction of infrastructure from cycles of drought and flooding. For more information on the Drought Guide, contact the Infrastructure Security Division (ISD) Infrastructure Development and Recovery Program at IDR@cisa.dhs.gov.