

How to use this matrix: This spreadsheet is intended to track existing drought. It provides an "at a glance" overview of potential program individuals, communities, tribes and states.

**Key: Program has
Program has Ap**

Department/Agency or NGO	Program, Authority, Capability, Resource
DHS	Office of Private-Sector Liaison
DHS	Office of Infrastructure Protection
DOC (Minority Business Development Agency, MBDA)	Business Development Program
DOC (Minority Business Development Agency, MBDA)	Financing Program
DOC (Minority Business Development Agency, MBDA)	Business to Business Forums
DOC- Economic Development Administration	Economic Adjustment Assistance Program
DOC- Economic Development Administration	Local Technical Assistance Program

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DOC- Economic Development Administration	Planning Program
DOC- Economic Development Administration	Public Works and Economic Development Program
DOC- Economic Development Administration	Research and National Technical Assistance Program
DOC, (National Oceanic and Atmospheric Administration (NOAA))	Risk and Vulnerability Assessments
DOC, (National Oceanic and Atmospheric Administration (NOAA))	Fisheries Research
DOC, (National Oceanic and Atmospheric Administration (NOAA))	NOAA Office of Response and Restoration

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DOC, (National Oceanic and Atmospheric Administration (NOAA))	Habitat Assessment, Conservation, Protection and Restoration
DOC, (National Oceanic and Atmospheric Administration (NOAA))	National Marine Fisheries Service
DOI	Rural Water Program
DOI	U.S. Geological Survey (USGS) Monitoring Programs

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DOI	U.S. Geological Survey (USGS) Drought Monitoring Programs
DOI	USGS - Vegetation Drought Response Index
DOI	USGS-Drought and vegetation mortality studies
DOI	National Park Service - Water Resources Division
DOI	National Park Service - Climate Change Response Program

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Department/Agency or NGO	Program, Authority, Capability, Resource
DOT	Federal Highway Administration (FHWA), Resource Center
Energy	Office of Electricity Delivery and Energy Reliability (OE), Infrastructure Security and Energy Restoration (ISER) Division
Energy	Office of Electricity Delivery and Energy Reliability (OE), Infrastructure Security and Energy Restoration (ISER) Division
Energy	Office of Electricity Delivery and Energy Reliability (OE), Electric Markets Technical Assistance
EPA	Fungicide and Rodenticide Act
EPA	Energy Act

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EPA	Potable Water
EPA	Drinking Water and Ground Water Protection Program
EPA	Drinking Water and Ground Water Protection Program
EPA	Office of Emergency Management

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<p>is Applicability for Issue, but Not Specific to Drought: ○ Applicability and is Specific for Drought: ● Applicable: X</p>		
<p>Description</p>	<p>Water</p>	
	<p>Infrastructure</p>	<p>Management</p>
<p>Provides expertise in private-sector capabilities and services and coordination with private-sector organizations.</p>	○	
<p>Provides technical assistance in protective measures for critical infrastructure.</p>	○	
<p>Provides technical assistance to establish or expand Minority Business Enterprise (MBE).</p>		
<p>Provides technical assistance for loans, grants and assistance in building and optimizing a Minority Business Enterprise Portfolio</p>		
<p>Provides technical assistance for forming teaming arrangements and joint ventures between local firms and minority-owned firms from across the country to successfully bid on large forecasted contracts to rebuild areas devastated by a disaster.</p>		
<p>Helps distressed communities address problems associated with long-term economic distress as well as sudden and severe economic dislocations including recovering from the economic impacts of natural disasters, the closure of military installations and other Federal facilities, changing trade patterns, and the depletion of natural resources.</p>	●	○
<p>The Local Technical Assistance Program helps fill the knowledge and information gaps that may prevent leaders in the public and nonprofit sectors in economically distressed regions from making optimal decisions on local economic development issues.</p>		○

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<p>The Planning Program helps support planning organizations, including District Organizations and Indian Tribes, in the development, implementation, revision or replacement of comprehensive economic development strategies (CEDs), and for related short-term planning investments and State plans designed to create and retain higher-skill, higher-wage jobs, particularly for the unemployed and underemployed in the nation’s most economically distressed regions.</p>		<p>○</p>
<p>Public Works and Economic Development investments help support the construction or rehabilitation of essential public infrastructure and facilities necessary to generate or retain private sector jobs and investments, attract private sector capital, and promote regional competitiveness, including investments that expand and upgrade infrastructure to attract new industry, support technology-led development, redevelop brownfield sites and provide eco-industrial development.</p>	<p>●</p>	
<p>The Research and Evaluation program aims to fund research (including evaluative research) and national technical assistance projects to promote competitiveness and innovation in urban and rural regions throughout the United States. Technical assistance is used to provide information, data, and know-how in evaluating, shaping and implementing specific projects and programs that promote economic development in economically distressed regions.</p>		
<p>Assess/Analyze economic, environmental, and social impacts of disaster to guide federal, state, and local recovery plans, and develop mitigation strategies to decrease future risk.</p>		<p>○</p>
<p>Conduct impact analysis and needs assessment of damage on living marine resource population fisheries, and monitor and forecast the long term recovery of resources and fisheries.</p>		
<p>Conduct impact analysis and needs assessment of of damage to natural resources.</p>		

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<p>Description</p>	<p>Water</p>	
	<p>Infrastructure</p>	<p>Management</p>
<p>Assess sediment, nutrient, shellfish and water quality changes; model and predict future water quality changes.</p>		
<p>Conduct impact analysis and needs assessment of living marine resource populations supporting fisheries, and monitor and forecast the long term recovery of resources and fisheries. Develop recovery and rebuilding plans with federal fishery management Councils, state marine fishery agencies and regional fisheries commissions.</p>		○
<p>BOR also sponsors the Rural Water Program which Congress specifically authorized to undertake the design and construction of projects intended to deliver potable water supplies to eligible rural communities in areas of water scarcity. Many of these projects benefit western tribal nations that lack safe drinking water. However, funding for new activities in not currently available under this program.</p>	●	●
<p>US nationwide monitoring for surface-water flow, groundwater levels, and water quality is used for a variety of purposes under all hydrologic conditions, but applicable during drought.</p>	○	○

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	<p>Infrastructure</p>	<p>Management</p>
<p>Increased water monitoring in drought-affected areas: USGS works closely with state and local partner agencies to identify and address drought-related water information needs.</p>	<p>○</p>	<p>○</p>
<p>Vegetation Drought Response Index documents conditions – Drought conditions are tracked on a weekly basis by the Vegetation Drought Response Index (VegDRI), an operational drought model and map covering the conterminous U.S.</p>		
<p>Drought and vegetation mortality studies – USGS vegetation ecologists and paleo-ecologists are conducting studies that support a high level of scientific confidence that, as a result of drought impacts coupled with warmer temperatures, forests in the western United States are at increasing risk of severe</p>		
<p>The Water Resources Division (WRD) assists parks and park staff with water management planning, water rights assessments, water availability, improved use for conservation, water quality assessments, and other drought and non-drought related water resource issues.</p>	<p>○</p>	<p>○</p>
<p>Evaluates climate change impacts to national parks and assists with developing strategies to proactively prepare for those changes, including drought.</p>	<p>○</p>	<p>○</p>

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<p>Provides technical assistance in transportation environmental factors.</p>		
<p>Conduct impact analysis and needs assessment of damage to Electricity Sectors.</p>		
<p>The Electric Markets Technical Assistance Program responds to both immediate and long-terms needs of states, regions, and other organizations to implement policy and market solutions that bring about improved demand response, energy efficiency, renewable energy, and transmission utilization.</p>		
<p>Provides technical assistance and works with states and regions to provide technical assistance and analysis support for policies, market mechanisms, and programs that facilitate competitive, reliable, environmentally-sensitive, customer-friendly electric markets.</p>		
<p>Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act authorizes EPA to allow an unregistered use of a pesticide for a limited time if an emergency condition (e.g., unexpected and unusual weather conditions) exists. Most emergency requests are made by state-lead agricultural agencies; however, Federal agencies can also make requests.</p>		
<p>Provides that on petition by one or more States, a regulated party, or the Administrator on his/her own motion, EPA, in consultation with USDA and DOE, may waive the a renewable fuels volume obligation in whole or in part after making a determination that implementation of the obligation would result in severe economic or environmental harm to states, regions, or the United States, or separately, result in inadequate domestic supply.</p>		

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<p>Description</p>	Water	
	Infrastructure	Management
<p>EPA is also maintaining situational awareness on potential impacts of the drought on drinking water availability and quality in impacted areas. Through legislatively authorized delegation, States have primacy for implementing this program. However, when requested, EPA provides States or their municipalities with technical assistance and consultation to help them address these types of issues.</p>		●
<p>Conduct impact analysis and needs assessment of damage to water and wastewater infrastructure.</p>	○	
<p>Provide technical assistance to facilitate wetland assimilation of secondarily treated wastewater.</p>	○	
<p>Provide technical assistance by drafting a Smart Growth template that can be used to help decision makers efficiently allocate recovery funding for community rebuilding.</p>		
<p>Assess damage to water facilities.</p>	○	○
<p>Assess source water quality changes and impacts on treatment or need for additional treatment.</p>	○	○
<p>Assess/Inspect damage to water system from source to distribution including any reductions in technical, financial or managerial capacity.</p>	○	○

			ELIGIBILITY/APPLICABILITY							
Environmental	Health Mental/Social		Individual	Business			Local Government	Tribal Governments	State Government	Non-Profit
				Small	Agri-business	Non-Agriculture				
				X	X	X	X			X
				X			X			
				X	X	X				
				X	X	X				
				X	X	X				
							X	X	X	X
							X	X	X	X

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				Small	Agri-business	Non-Agriculture				
							X	X	X	X
							X	X	X	X
							X	X	X	X
							X	X	X	X
									X	
								X	X	X

