

A photograph of a yellow center pivot irrigation system in a field. Multiple wheels are visible, and numerous nozzles are spraying water in a fan pattern across the crops. The background shows a clear blue sky and some hills.

New Drought Resources Help Communities Respond To Drought

Presenter:



Steve Cain
National VOAD Drought Taskforce
EDEN Homeland Security Project
Director

About EDEN

Extension Disaster Education Network:

- Land Grant Institutions associated with USDA National Institute for Food and Agriculture and Cooperative Extension
- Sea Grants associated with National Oceanic and Atmospheric Administration



United States Department of Agriculture
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News and Features:

HPAI H7N8 found in Indiana Turkey Flock
First case HPAI in US in 2016...[\(more\)](#)
Korean Cases of MERS Continue to Rise
Officials Confirm Thirty Cases, Two Deaths, Quarantine 1
H5N2 Outbreaks Continue in Mid-West and State
Movement and Shows
More Outbreaks and States Ban Poultry Shows...[\(more\)](#)

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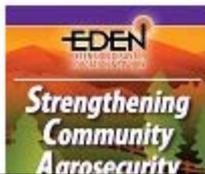
State Information



2015 AM Agenda



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website**

www.eden.lsu.edu





EDEN > Topics > Hazards & Threats > Drought

Hazards & Threats

Drought

Key & Emerging Issues

- Individuals & Families
- Crop , Dairy, and Livestock
- Community
- House Repairs Needed Due to Drought

Resources for 2013

National VOAD Drought and Wildfire Taskforce

Archived NVOAD Webinars

Resource Collection

Program Area Drought Webinars

eXtension

Point of Contact

Kim Cassel



Drought

EDEN Drought site has links to 25 state Extension drought sites.

<http://eden.lsu.edu/Topics/Hazards/Drought/>



Agricultural Disasters



Families & Communities



Hazards & Threats

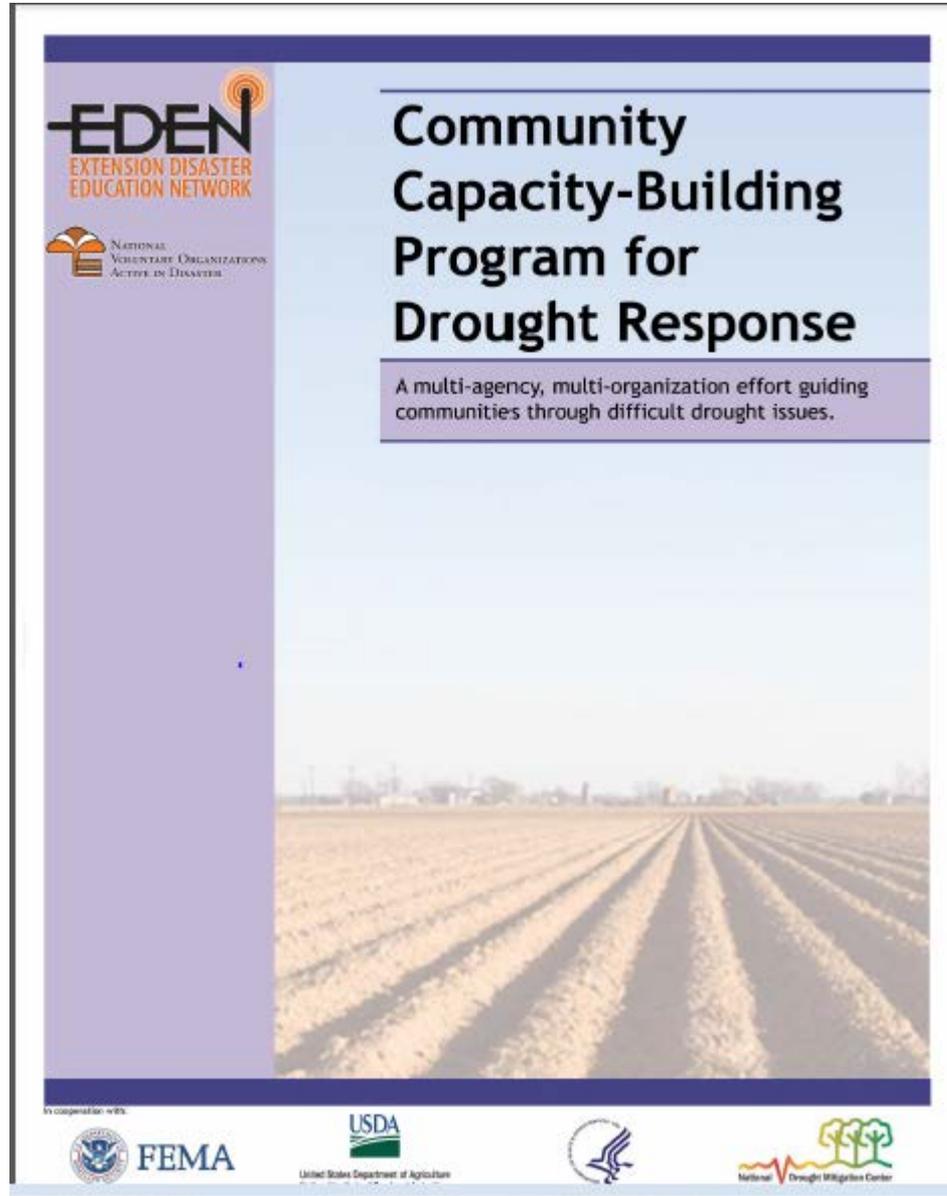


Human Health



Disaster Watch

A New Guide for Communities Fighting Drought



Capacity-Building Program For Drought Response

GOAL of the Guide

Work together – across agencies and organizations – with a community-wide resolve to build the capacity to survive – and possibly thrive – in the current and future droughts situations.

Who Helped Develop this Program

- Extension Disaster Education Network
- National Voluntary Organizations Active in Disaster
- U.S. Department of Agriculture
- U.S. Department of Health and Human Services
- Federal Emergency Management Agency
- National Drought Mitigation Center

National VOAD Drought Taskforce



**PRESBYTERIAN
DISASTER
ASSISTANCE**

OUT OF CHAOS, HOPE



**BRETHREN
Disaster Ministries**



**Business Civic
Leadership Center**
AN AFFILIATE OF THE U.S. CHAMBER OF COMMERCE

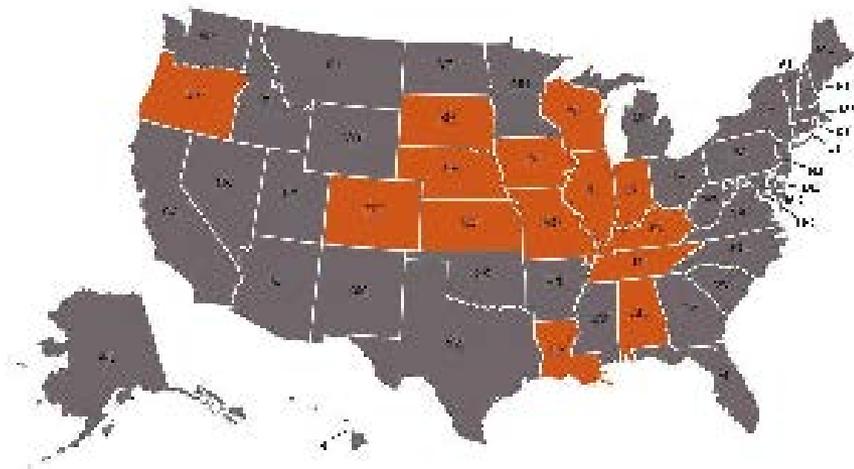


CHURCH WORLD SERVICE



National EDEN Issue Leader Team on Drought

**NEIL:
Extension
specialists from 14
states with varied^s
expertise in
disaster education.**



This guide is designed to help bring the community together to look at drought risks and develop action plans. It gives you step by step actions to host a drought forum.



Section I: Drought Capacity Planning Guide for Communities

Goal

Capacity Building Defined

Leadership Skills and Team

Build a Team

Identify Who Can Help

Behavioral Health

Set Up Program Promotion

Community Actions

Workshop and Resource Fair

Section II Drought Planning Toolbox

Community Leader Action Items

The Team: Local Organizations

Community Vulnerability Score Card

Community Assets Identification

Mitigation Measures

Capacity Building Plan Check List

Workshop and Resource Fair Tips

Participant Feedback Form

Section III: Resources

Long-Term Recovery Manual from the National VOAD

http://nvoad.org/library/cat_view/5-long-term-recovery-groups

and

www.nvoad.org/library/doc_download/30-long-term-recovery-guide

Guide to Drought Ready Communities National Drought Mitigation Center

<http://drought.unl.edu/Planning/PlanningProcesses/DroughtReadyCommunities.aspx>

EDEN Drought resources page

www.eden.lsu.edu/drought

How to Reduce Drought Risk from Western Drought Coordination Council

<http://drought.unl.edu/portals/0/docs/risk.pdf>

U.S. Drought Portal

<http://drought.gov/drought/>

National Drought Mitigation Center

<http://drought.unl.edu/>

Substance Abuse and Mental Health Services Administration's resources on drought

http://www.samhsa.gov/dtac/dbhis/dbhis_drought_intro.asp

FEMA Regional Drought Points of Contact and USDA Drought Resources

http://nvoad.org/library/cat_view/12-drought-resources

National VOAD Points of Consensus (multi-hazard, not drought specific)

http://nvoad.org/library/cat_view/9-points-of-consensus

Resilience

<http://www.masgc.org/pdf/masgp/08-014.pdf>

Building a leadership team

The guide provides insight on how to build a drought response team and what types of skills are needed on that team.



Activity 1

Community Assets Identification

Community Plans and Agreement

Does your community have:	Yes	No
Section A: Critical Infrastructure		
Wastewater treatment system		
Power grid		
Water purification system		
Transportation/ evacuation routes		
Total check marks for Section A		
Section B: Critical Facilities*		
City Hall or other local government buildings		
Police station or other law enforcement buildings		
Fire stations		
Communications office or substations		
Emergency operation center		
Evacuation shelter(s)		
Hospital(s)		
Critical record storage		
Total Check marks for Section B:		
Section C: Other?		

Community Leader Action Items

This checklist is intended to give your ideas and remind you to take certain actions. Note that there are blank rows at the bottom because you may have some specific tasks for your community.

Check	Action	Comment
	Form a drought leadership team (see page 11).	
	Review resources in Community Capacity Building Program for Drought Response guide (section III).	
	Collect county-statistics, such as ag industry production. See National Agricultural Statistics Service http://www.nass.usda.gov/Statistics by State/ .	
	Benchmark your current community situation with a one-page description. Note that the following toolbox tools will get into more specifics.	
	Publicize your community's capacity building effort and invite, wide participation.	
	Identify expertise within your community and seek their participation.	
	Set a plan on how your will seek input from the public and carry through with the plan.	
	Use the Community Vulnerability Score Card to Identify AND PRIORITIZE drought threats to the community (See Section II page 12)	
	Identify community assets (see Section II Community Assets Identification page 15)	

Activity 2

Community Vulnerability Score Card



This is adapted from the Guide to Drought-Ready Communities from National Drought Mitigation Center (see Section III Resources. Assuming you are facing a drought right now, <u>rate</u> the following drought impacts on a H = High, M = Medium, and L = Low impact. Use teams, workshops and other methods to get community input. Compare input results to work toward setting priorities and assigning action items.	H	M	L
H-M-L Economic Impacts			
<i>Loss from Crop Production</i>			
Annual and perennial crop losses			
Damage to crop quality			
Reduced productivity of crop land			
Insect infestation			
Plant disease			
Wildlife damage to crop			
Other?			
<i>Loss from dairy and livestock production</i>			
Reduced productivity of rangeland			
Forced Reduction of foundation stock			
Closure/limitation of public lands to grazing			

Community Assets Identification

Community Plans and Agreement

Does your community have:	Yes	No
Section A: Critical Infrastructure		
Wastewater treatment system		
Power grid		
Water purification system		
Transportation/ evacuation routes		
Total check marks for Section A		
Section B: Critical Facilities*		
City Hall or other local government buildings		
Police station or other law enforcement buildings		
Fire stations		
Communications office or substations		
Emergency operation center		
Evacuation shelter(s)		
Hospital(s)		
Critical record storage		
Total Check marks for Section B:		
Section C: Other?		

Activity 3

Mitigation Measures

Activity 4

Capacity Building Plan Check List (Community Generated)

Alternatives	Descriptors	Point of Contact

Other Comments:

Participant Feedback Form

Community Capacity Building Program for Drought Response

Community (town, county, area, state)	
Date	

Program Materials Assessment Factor	Strongly Disagree Strongly Agree					Not Applicable
The Community Capacity Building Program for Drought Response Guide was very helpful	1	2	3	4	5	
Section 1 Drought Capacity Planning Guide for Communities was very helpful	1	2	3	4	5	
Section II Drought Planning Toolbox over overall very helpful	1	2	3	4	5	
Specifically rate these tools	Leave blank					
Community Leader Action Items	1	2	3	4	5	
The Team: Local Organizations/Agencies	1	2	3	4	5	
Community Vulnerability Score Card	1	2	3	4	5	
Community Assets Identification	1	2	3	4	5	

Please visit the EDEN Drought page at www.EDEN.lsu.edu/drought to receive the latest information.

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Purdue University



Department of Homeland Security Office of Inspector General

Compendium of Disaster Assistance Programs

www.oig.dhs.gov/assets/Mgmt/OIG_09-49_Apr09.pdf

Agency or Department	Number of Disaster Assistance Programs
U.S. Department of Agriculture	49
Department of Homeland Security	51
Department of Health and Human Services	35
Department of Commerce	16
Department of Housing and Urban Development	12
Department of Interior	10
Department of Justice	10
Department of Defense	9
Department of Education	9
Corporation for National and Community Service	8
Veterans Administration	7
Department of the Treasury	5
Social Security Administration	4
National Archives and Records Administration	3
Department of Labor	2
Department of Transportation	2
General Services Administration	2
Small Business Administration	2
Environmental Protection Agency	1
Federal Deposit Insurance Corporation	1
Legal Services Corporation	1
United States Postal Service	1
Total	240



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Browse our Disaster Knowledgebase or ask us a question

search



www.usda.gov/wps/portal/usda/usdahome?navid=disaster-help



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Assisting Rural Communities

Broadband

This program is designed to provide loans for funding, on a technology neutral basis, for the costs of construction, improvement, and acquisition of facilities and equipment to provide broadband service to eligible rural communities.

Disaster Assistance

Natural disaster is a constant threat to America's farmers and ranchers and rural residents. USDA provides assistance for losses that result from drought, flood, fire, freeze, tornadoes, pest infestation, and other calamities.

Grants and Loans

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Environmental Markets

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