

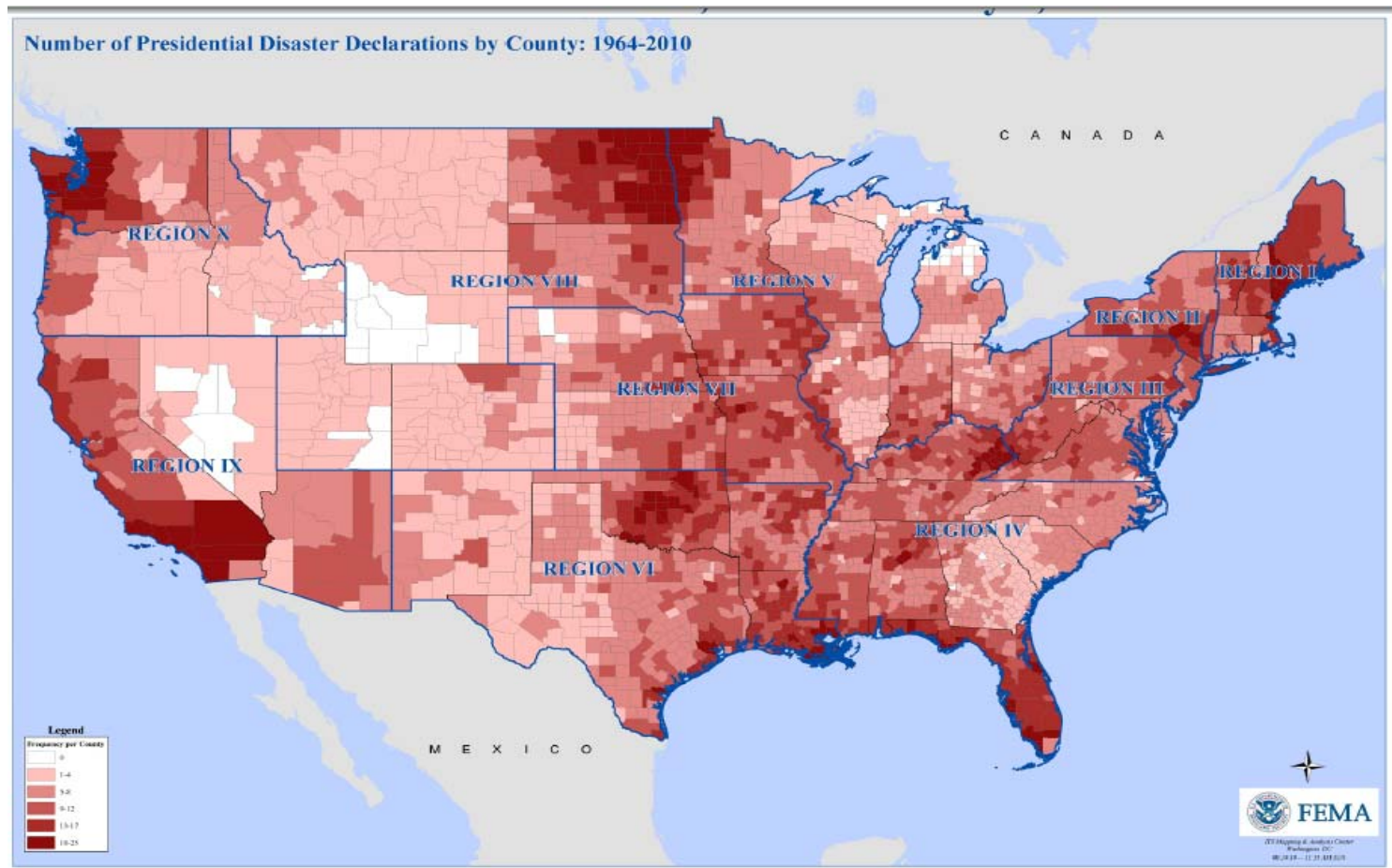
Why, What & Who Is EDEN

Steve Cain

**EDEN Homeland Security Project Director
President of the Indiana VOAD
Purdue Extension Disaster Communication
Specialist**

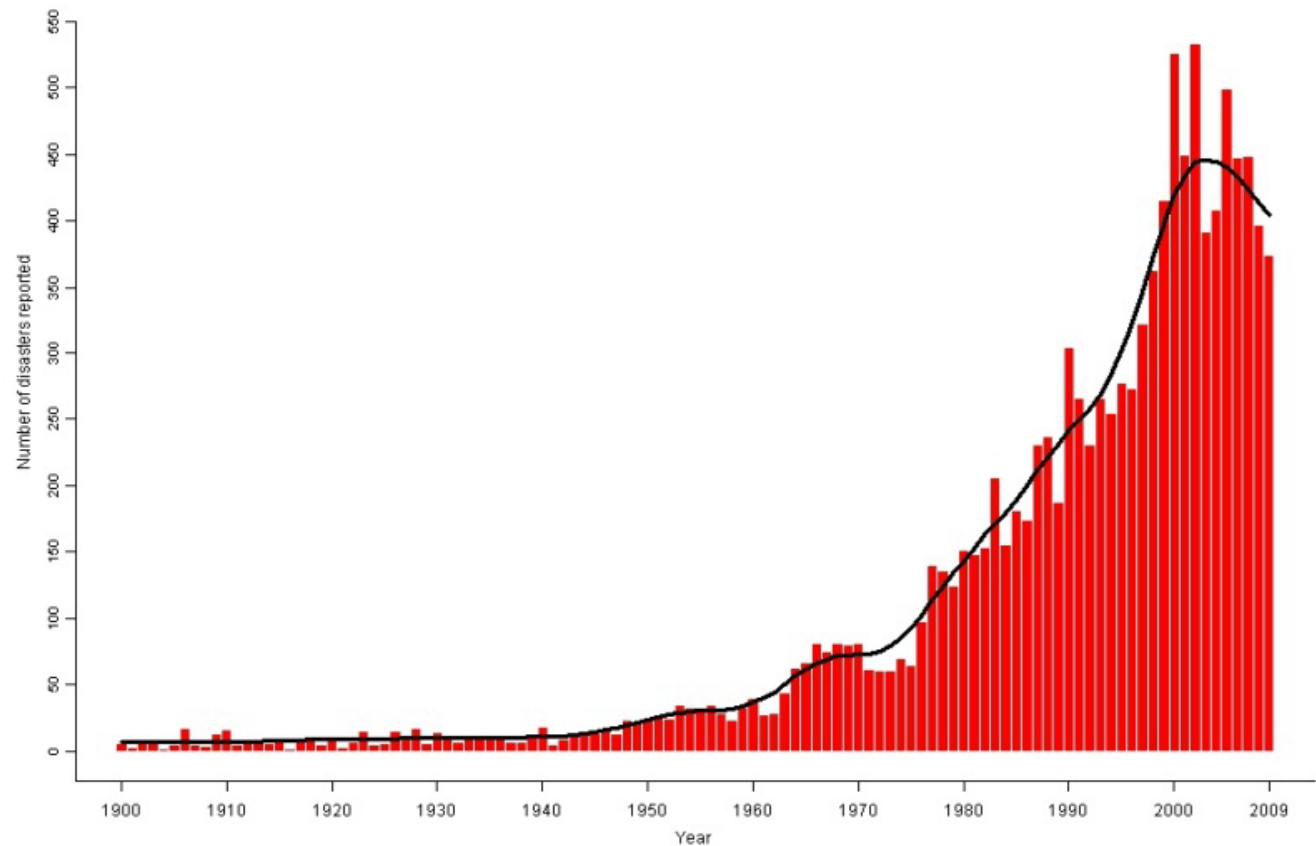
www.EDEN.Isu.edu

Why EDEN?



Why EDEN?

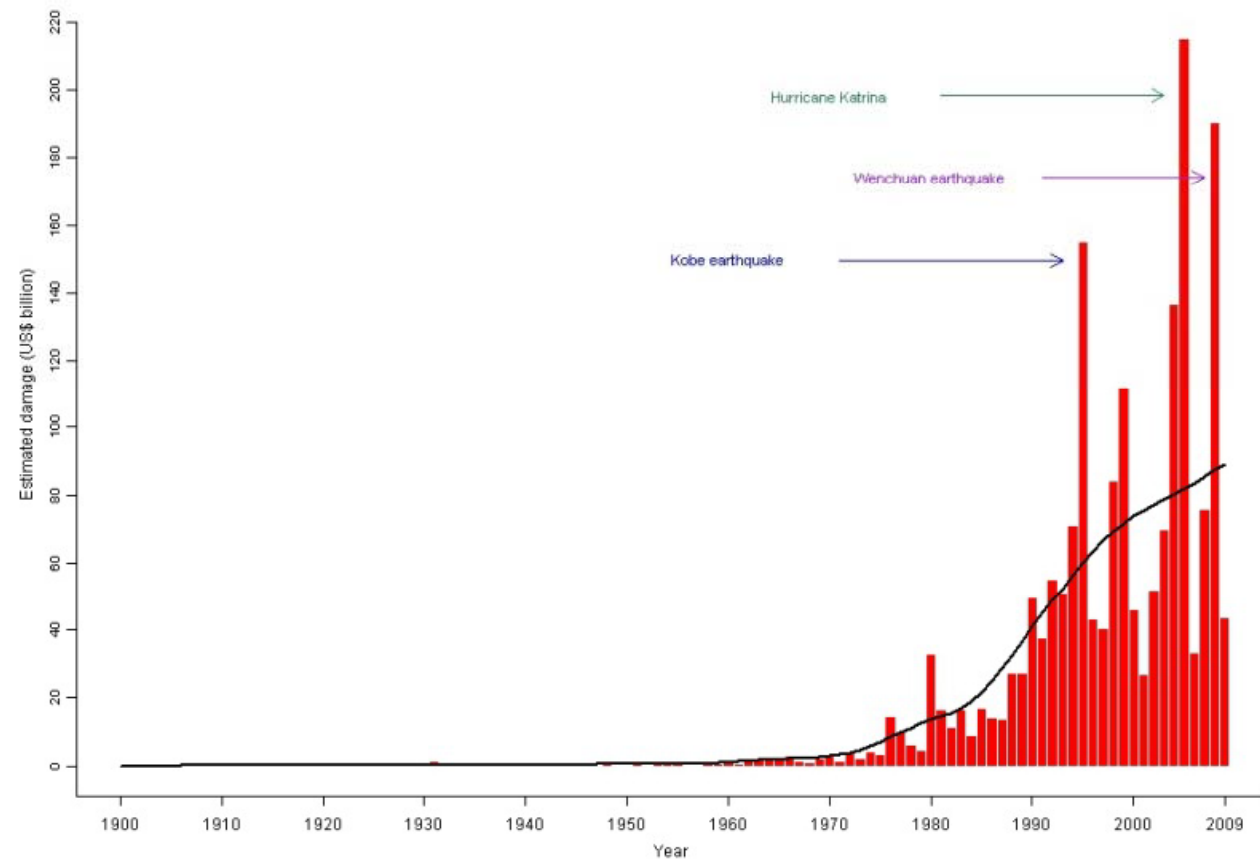
Natural disasters reported 1900 - 2009



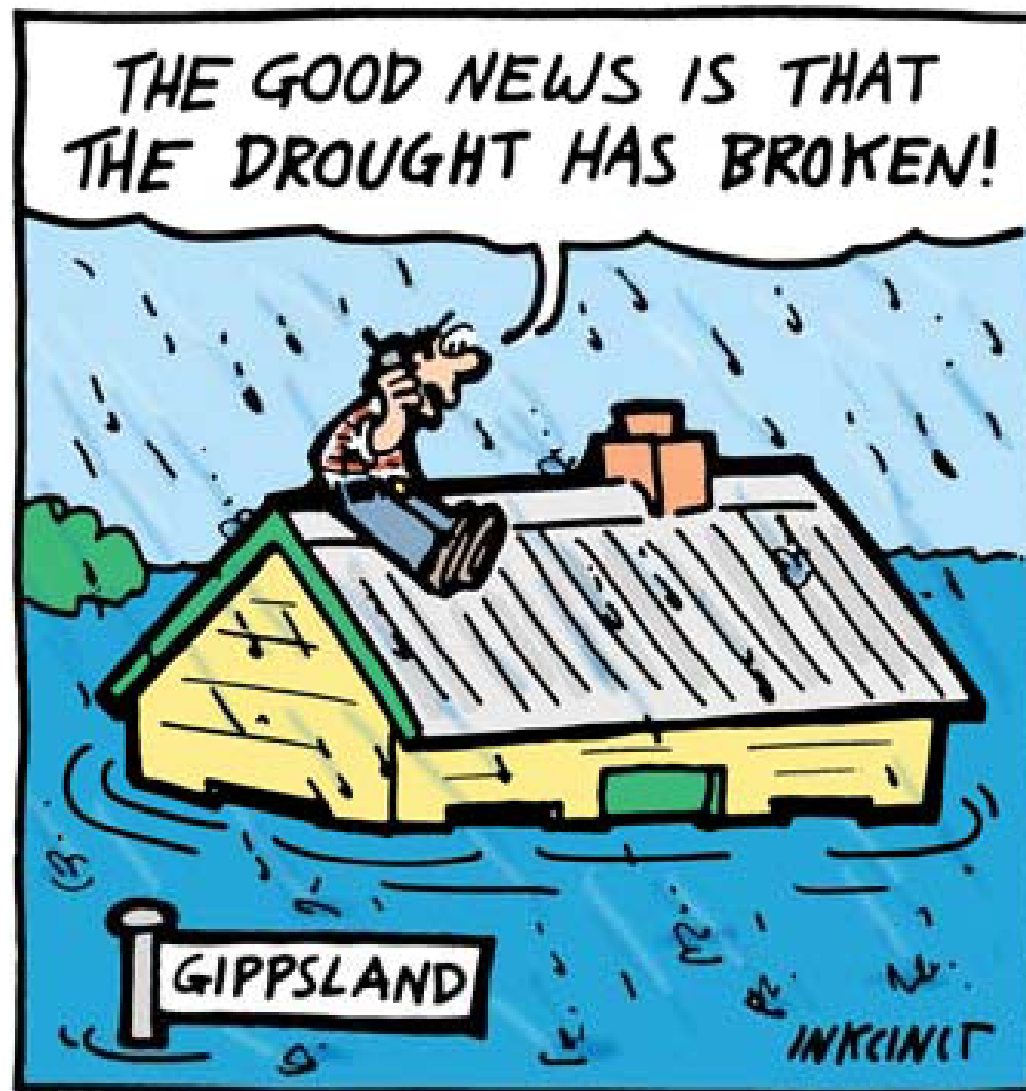
EM-DAT: The OFDA/CRED International Disaster Database - www.emdat.be - Université Catholique de Louvain, Brussels - Belgium

Why EDEN?

Estimated damage (US\$ billion) caused by reported natural disasters 1900 - 2009



ED-DAT: The OFDA/CRED International Disaster Database - www.edatbase.org - Université Catholique de Louvain, Brussels - Belgium



26/06 2007-404P @ INKCINCT Cartoons www.inkcinct.com.au

Rural People On Their Own?

- National Level Exercise 2011 focused on the New Madrid fault.
- Estimated 7 million people seeking shelter.

“Rural people will likely be on their own for weeks.” - FEMA

Why EDEN?

Federally Declared Disasters	
Year	Total
1960	12
1970	17
1980	23
1990	38
2000	45
2010	81

Disasters Cost

- In the 1990's disasters cost the United States \$1 billion per week.
- Food or agricultural disaster costs range from \$1 B to \$140 Billion per year.



Please contact us at any time for additional information.

EXOTIC NEWCASTLE DISEASE - CALIFORNIA HISTORICAL REFLECTION

Outbreaks of END severely affect the poultry industry. In 1971, a major outbreak occurred in commercial poultry flocks in Southern California. In all, 1,341 infected million birds were destroyed. The eradication program cost taxpayers \$56 million, severely disrupted the operations of many producers and increased the prices of p consumers.

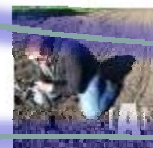
The 2002-03 END outbreak, originally confirmed in Governor of California declared a State of Emergen San Diego, Riverside, Los Angeles, and San Berna rotating in and out over the course of the outbreak. eradication, lasted eleven months. The outbreak re

Home / Crops / Mitigating farm land flood damage

INFORMATION AND DISEASE PREVEN

- » [CDFA Publications](#)
- » [USDA Publications](#)
- » [Industry Information Links](#)
- » [Organisation For Animal Health \(OIE\) Inform](#)

Mitigating farm land flood damage



Jeff Caldwell

01/19/2012 @ 11:11am

Multimedia Editor for Agriculture.com and Successful Farming magazine.

Print Email Share Like Like



Farmers on the Missouri River still sifting through flood damage

+ SHARE

Grant Gerlock, NET News (2012-04-19)

Listen Now:



TEKAMAH, NE (NET RADIO) - The Missouri River flood of 2011 was the worst in 60 years; nearly a later, farmers are still dealing with the aftermath.

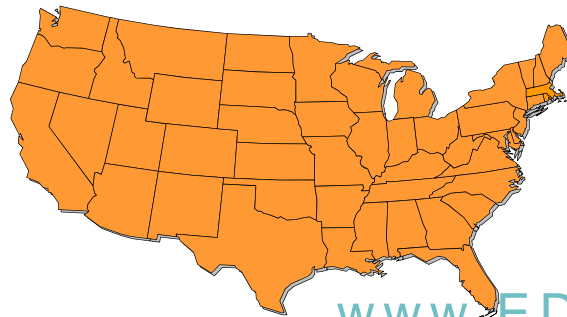
Hundreds of thousands of acres of farmland were flooded in Nebraska, Iowa, Kansas and Misso study for the Nebraska Farm Bureau estimated crop losses of \$105 million across 14 Nebraska including \$22 million in Burt County alone, where Scott Olson farms 3,000 acres with his brothe and father, Bob. They had 500 acres damaged by flooding in 2011, and in some areas, the dam devastating.

Why EDEN?



Who is EDEN?

- A collaborative multi-state effort by the land-grant universities' Cooperative Extension Services and the National Sea Grant College Program.
 - More than 400 members
 - Representing 50 states and 3 U.S. territories



And...

- ☐ Alaska
- ☐ Hawaii
- ☐ Puerto Rico
- ☐ Guam
- ☐ Virgin Islands

EDEN Mission

**Share educational resources to
reduce the impact of disasters.**



What is EDEN?

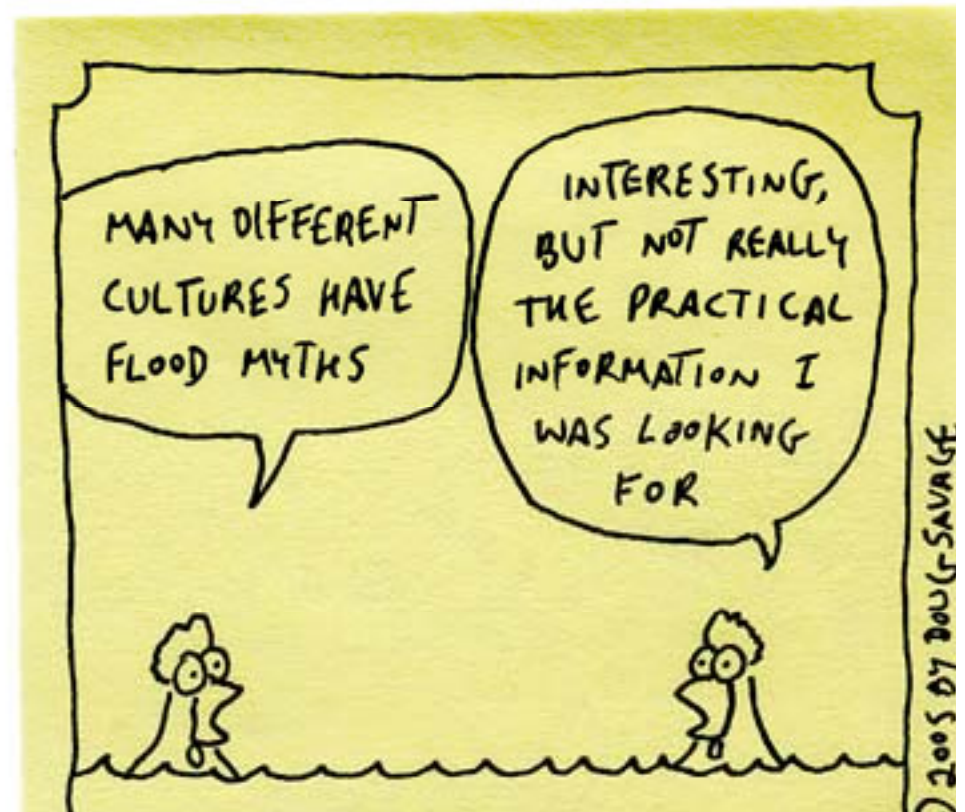
- Interdisciplinary and multi-state programs
- Linkages to federal, state, local agencies & organizations
- Anticipation of future disaster education

What is EDEN?

- Timely communication & information delivery to meet audience's needs
- Credible, reliable information

Savage Chickens

by Doug Savage



What was EDEN?

- EDEN formed in 1994, following the North Central region floods
- During this disaster, Extension educators/agents needed a network that could provide educational resources to answer victims' questions.
- It took days to get just a handful of publications.



Reducing the Impact of Disasters
Through Education

Search

State Information

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EDEN Courses

News and Features

Conferences and Workshops

About EDEN

EDEN > Resources > **Catalog of Extension Resources**

Resources

Topic Pages

eXtension CoP

Response Notes

State Reports

EDEN Courses

▶ **Catalog of Extension Resources**

National Preparedness Month

Get a Kit

Make a Plan

Be Informed

Get Involved

Resource Materials

Non-Extension Resources

Delegate Intranet

White Papers

Catalog of Extension Resources

The EDEN Resource Catalog is an on-line database of disaster-related educational resources produced by Extension member institutions, EDEN-partner agencies and EDEN itself. The catalog was developed by EDEN to facilitate sharing of resources among members.

- Most cataloged resources are published and their catalog records can be viewed by anyone visiting this site.
- The catalog may include resources that are available on-line or only off-line.
- Cataloged on-line resources reside on their state-institution websites, not on the EDEN website. A link to the on-line resource is provided.
- Off-line resources found in the catalog are accessed by contacting the designated contact, if one is provided, or the EDEN Point-of-Contact for the institution that cataloged the resource.
- Resources in the catalog intended for sharing only within the network are included in search results only when the user is logged in.

Each member institution is responsible for entering and maintaining information about the resources it wishes to share. The member institution may feature certain resources on its institution page. Institution's are listed by state; use the "State Information" drop list at the top of each EDEN page.



Search the catalog



Catalog a resource (requires login)



Agricultural Disasters



Families & Communities



Hazards & Threats



Human Health



Disaster Watch

Disaster Functions

- Preparedness
- Prevention
- Response
- Recovery
- Mitigation



How Has EDEN Grown?

- Extension Directors name an EDEN Point of Contact in their states.
- Now all 50 states and three territories.
- Land and Sea Grant contribution ranges from \$1.5 to over \$2 million per year.

How Has EDEN Grown?

- Following 9/11, NIFA granted EDEN \$600K (two years) to focus on homeland security efforts through Extension.
- EDEN's received about \$330,000 per year from NIFA through Food and Ag Defense Initiative.



United States Department of Agriculture
National Institute of Food and Agriculture

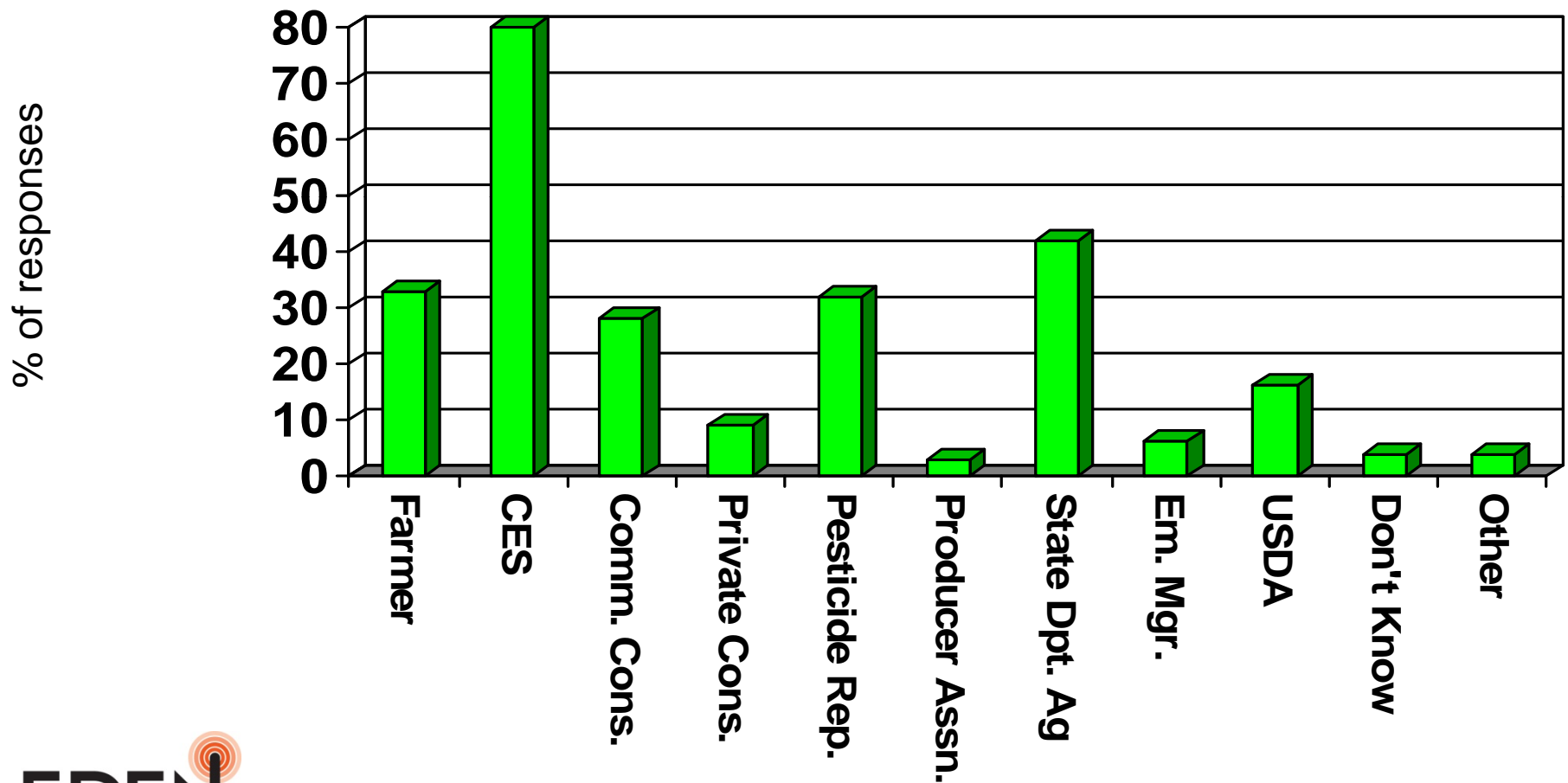
EDEN Homeland Security Survey

2003 Extension Educator Survey		Urgent
	Drinking water security	78%
	Food security	64%
	Individual's role	57%
	Government's role	55%
	Animal biosecurity	50%
	Personal security	48%
	Farm security	45%
	Financial security	42%
	Plant/crop biosecurity	37%

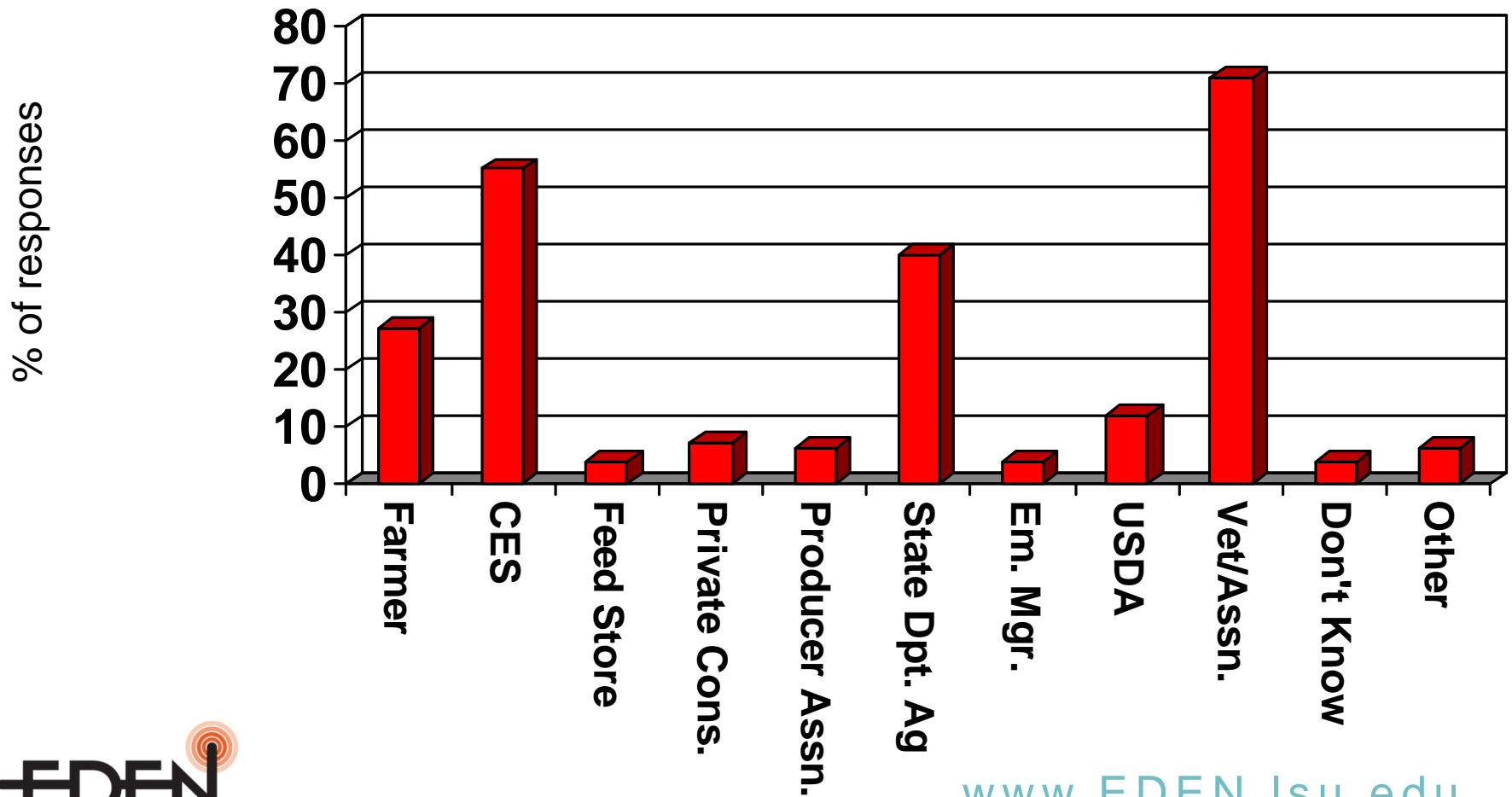
Possible Plant or Animal Terror Threat

- A farmer would turn to Extension:
 - ❖ 1st Choice (79%) – Plant
 - ❖ 2nd Choice (54%) – Animal

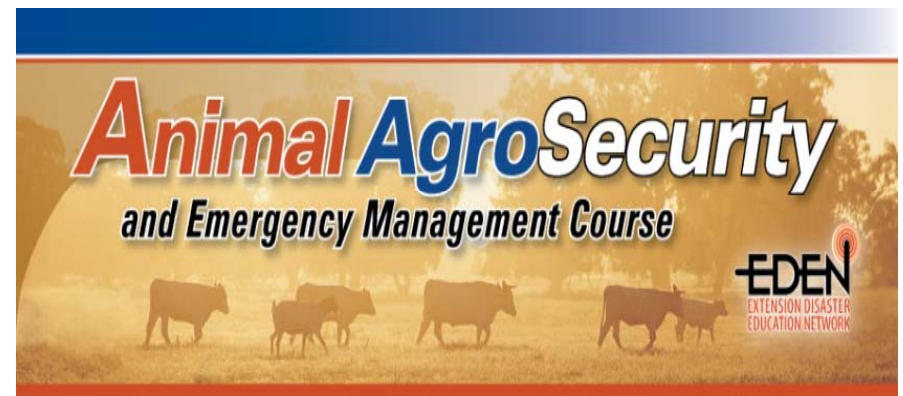
If you discovered a crop disease outbreak on your farm that you didn't recognize, to whom would you turn for advice?



If you discovered an animal disease outbreak on your farm that you didn't recognize, to whom would you turn for advice?



The survey gave us direction for our first priorities:





Plant Biosecurity Preparedness Plan for U.S. Agricultural Producers



Planning, preparedness, and mitigation tools to fight intentional and unintentional plant biosecurity problems on U.S. farms, orchards, nurseries, and vineyards

Featuring key information on:

- conducting a biosecurity risk assessment on current operation
- mapping your entire operation and documenting assets
- creating emergency response instructions for various scenarios
- performing emergency preparedness drills with family members and employees
- involving others in area-wide efforts against theft, vandalism, and agroterrorism
- initiating mitigation efforts for identified hazards and vulnerable areas

Developed by EDEN as part of its online Plant Biosecurity Management Course for
University of Missouri Extension

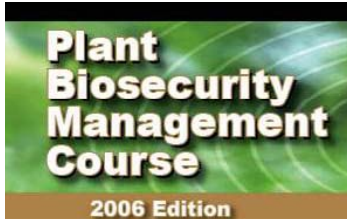
Plant Biosecurity Management Course

2006 Edition

Resources
to Engage
Agricultural
Producers
in U.S. Biosecurity
Efforts



<http://extension.missouri.edu/explore/miscpubs/mp0745.htm>



Features

- Conduct biosecurity risk assessment
- Map the operation
- Create emergency response instructions
- Perform drills
- Involve others
- Install mitigation efforts

Partnered with NPDN

- I served several years on the NPDN Operating Committee during the formation of NPDN
- EDEN provided input on the training and education committee.
- We made sure training from both complemented each other.



Reducing the Impact of Disasters
Through Education

Search

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[EDEN](#) > [Conferences and Workshops](#) > [EDEN Regional Animal Agrosecurity Conferences](#)

EDEN Regional Animal Agrosecurity Conferences

Midwest (MO)

[Conference Brochure](#)

[Program](#)

[Registration](#)

[Hotel & Travel](#)

[Presentations](#)

North Central (ND)

[Conference Flyer](#)

[Press Release](#)

[Registration Brochure](#)

[Agenda](#)

[Hotel](#)

[Conference Shuttle Service](#)

[Community Information](#)

[Open House](#)

Regional Animal AgroSecurity Conference



EDEN Regional Animal AgroSecurity Conference

All Regional Animal Agrosecurity Conferences are completed.
[Materials and information for each conference are available](#)

Six Regional EDEN Animal Agrosecurity Conferences were held during 2007-2008. Each of these achieved the goal of enhancing the understanding of Extension's role, and the roles of other stakeholders, during an animal agrosecurity event. A one-page document has been created to provide an overview of all six conferences:

- [Regional Animal Agrosecurity Conference Overview \(pdf\)](#)

The Issue:

Extension professionals throughout the country recognize they need to better define their roles – and the roles of other agencies and organizations – before, during, and after an animal agrosecurity event. In addition, these roles will vary from state to state, so there is a need to help agencies and organizations to fully understand the capacity to which Extension can serve in this arena.



Agricultural
Disasters



Families &
Communities



Hazards
& Threats



Human
Health



Disaster
Watch

Three conferences

Organized by EDEN 2007

- Clemson, SC – (Clemson University)
- Las Cruces, NM – (New Mexico State)
- Denver, CO – (Colorado State)

Made possible with support from USDA-NIFA

Objectives

- Emergency and disaster management
- Education during all phases
- Partnership development
- Crisis communication
- State animal response team development



Reducing the Impact of Disasters
Through Education

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[EDEN](#) > [Conferences and Workshops](#) > [EDEN Regional Food Protection Conferences](#)

EDEN Regional Food Protection Conferences

Midwestern

- [Conference Agenda](#)
- [Conference Flyer](#)
- [Conference Brochure](#)
- [Castleberry Study](#)
- [Hotel](#)
- [Registration Q & A](#)
- [Satellite Site Info](#)
- [Conference Materials](#)

Northeastern

- [Conference Flyer](#)
- [Agenda](#)
- [Conference Materials](#)

Southern

- [Agenda](#)

Regional FoodProtection Conferences

EDEN Regional Food Protection Conferences

The Issue: When a food advisory, food recall, or other incident develops a level of concern for a food product or food category, it is important that consumers receive clear, accurate, reliable, and science-based information and education.

Overview: This conference will explain and explore the educational needs of consumers and industry before, during and after a food protection event. It will also strengthen current interagency coordination and communication efforts.

The Conference: Three regional conferences will be offered in 2009, with the following universities as hosts:



Agricultural
Disasters



Families &
Communities



Hazards
& Threats



Human
Health



Disaster
Watch

Three Conferences

- Organized by EDEN (2009):
 - St. Paul, MN – (*Univ. of Minn.*)
 - Harrisburg, PA – (*Penn State*)
 - Lexington, KY – (*Univ. of KY*)

Made possible with support from USDA-NIFA

Purpose & Goals

- Participants gained a working knowledge:
 - Roles of federal, state, and local agencies/organizations
 - Appropriate consumer actions
 - Food protection communication issues
 - Roles of Cooperative Extension



Human Health

[EDEN](#) > [Topics](#) > [Human Health](#) > [Food Safety and Defense](#)

Food Safety and Defense

Impacts of a Food Recall

Point of Contact

Martin Bucknavage

Contributors

Dave Filson



Food Safety and Defense

Introduction

Each day, Americans depend on a complex system to provide safe, wholesome and nutritious food. This system, as it ranges from producers, to processors, to foodservice and retail establishments, and finally to the consumer, has a responsibility for keeping food safe.

We must be cognizant of intentional acts of food contamination. Food Defense involves activities associated with protecting the nation's food supply from deliberate or intentional acts of contamination or tampering, and should be incorporated into every food establishment's policies and procedures.

On This Page

- [Current Food Safety Issues](#)
- [Additional Resources](#)

Food Safety

[Alerts](#)

[Tips](#)

[Loading Data...](#)



Agricultural
Disasters



Families &
Communities



Hazards
& Threats



Human
Health



Disaster
Watch

Animal Health *Network*

Your Local Information Link for Animal Safety and Security

[Background](#)[How it Works](#)[Implementation](#)[Sharing the Concept](#)[Historical Data & Resources](#)[Contacts](#)

Where's it in use?

Multiple states have implemented the Animal Health Network with great success. See which states are using the network and see how simple it is to establish it in your state.

[Learn More](#)



Agricultural Disasters

[EDEN](#) > [Topics](#) > [Agricultural Disasters](#) > [Agrosecurity](#) > [DHS Chemical Security](#)

Agrosecurity

► DHS Chemical Security

[Background Info](#)

[Protecting Farms -
Agrosecurity Principles](#)

[Preparing for an
Agroterrorism Event](#)

[Other Information
Sources](#)

[EDEN Agrosecurity White
Papers](#)

Point of Contact

Steve Cain

[Contact info](#)

DHS Chemical Security

New DHS Chemical Security Regulations

DHS Announces Extension for Specific Facilities
December 21, 2007

DHS issued a letter announcing a time extension will be applied for certain facilities until further notice, or unless otherwise specifically notified in writing by DHS. "The extension applies to facilities such as farms (e.g., crop, fruit, nut, and vegetable); ranches and rangeland; poultry; dairy, and equine facilities; turfgrass growers, golf courses; nurseries; floricultural operations and public and private parks."

The announcement letter:

Office of Infrastructure Protection
National Protection
Programs Directorate
U.S. Department of Homeland Security
Washington, DC 20528

December 21, 2007



**Agricultural
Disasters**



**Families &
Communities**



**Hazards
& Threats**



**Human
Health**



**Disaster
Watch**

Farms Are Businesses Too

- Ready Business
 - A collaborative effort between EDEN & DHS





Agricultural Disasters

EDEN > Topics > Agricultural Disasters > Avian Influenza

Avian Influenza

eXtension

Point of Contact

Kim Cassel

Contact Info



Avian influenza

Introduction to Avian Influenza

US Avian Influenza Research has published in *Nature* the decision of NIH in the following statement:

On March 29 and 30, the National Science Advisory Board for Biosecurity (NSABB), an independent expert committee that advises the National Institutes of Health (NIH), the Department of Health and Human Services (HHS) and other Federal departments and agencies on matters of biosecurity, convened to review unpublished revised manuscripts describing NIH-funded research on the transmissibility of H5N1 influenza virus. The study was published in the journal Nature.

On This Page

- Previous Outbreaks of Avian Influenza in the U.S. and Surveillance for HPAI H5N1 in the U.S.
- Advice to Flock Owners and the Public
- Avian Influenza vs. Bird Flu vs. Pandemic Flu



Agricultural
Disasters



Families &
Communities



Hazards
& Threats



Human
Health



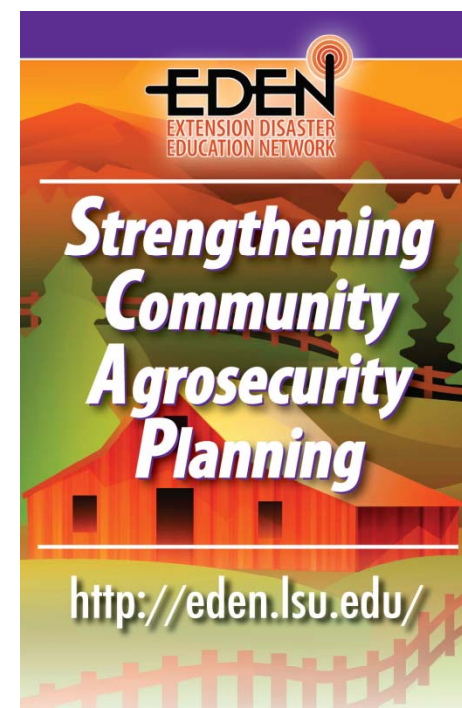
Disaster
Watch

This Is Our Signature Effort

- **Strengthening Community Agrosecurity Planning: S-CAP**

– Funded by:

- United States Department of Agriculture (USDA)
- Food and Agriculture Defense Initiative (FADI)
- USDA National Institute of Food and Agriculture (NIFA) Smith Lever Special Needs (SLNS) program



eXtension

- Pioneer Communities of Practice
 - Agrosecurity
 - Flooding



Farm Families Should Prepare

- Family Preparedness Course
 - A collaborative effort between North Dakota State University and Utah State University for EDEN



Family Preparedness

Family Preparedness

- ▶ Course Materials
- Course Promo Materials
- Course Tracker

Point of Contact
Becky Koch

Contact info



Family Preparedness

Program Materials:

These modules include leader guides and PowerPoints for Extension educators and other leaders to download for teaching.

Course Overview -- Leader Guide
Introduction and Why Prepare -- Leader Guide / PPT
Get a Kit -- Leader Guide / PPT
Make a Plan -- Leader Guide / PPT
Be Informed and Get Involved -- Leader Guide / PPT
Possible Disasters -- Leader Guide / PPT

Handouts:

Emergency Supply List from www.ready.gov

Videos:

These links are to each PowerPoint module with narration.

Introduction and Why Prepare
Get a Kit
Make a Plan
Be Informed and Get Involved
Possible Disasters

Additional Resources:

University of Missouri Extension Family Disaster Plan
Insurance Information Institute Know Your Stuff Online Home Inventory
FEMA Ready America
American Red Cross Be Red Cross Ready

Evaluations and Reports:

Online Evaluation for In-person Course Participants
Online Leaders Report and Evaluation

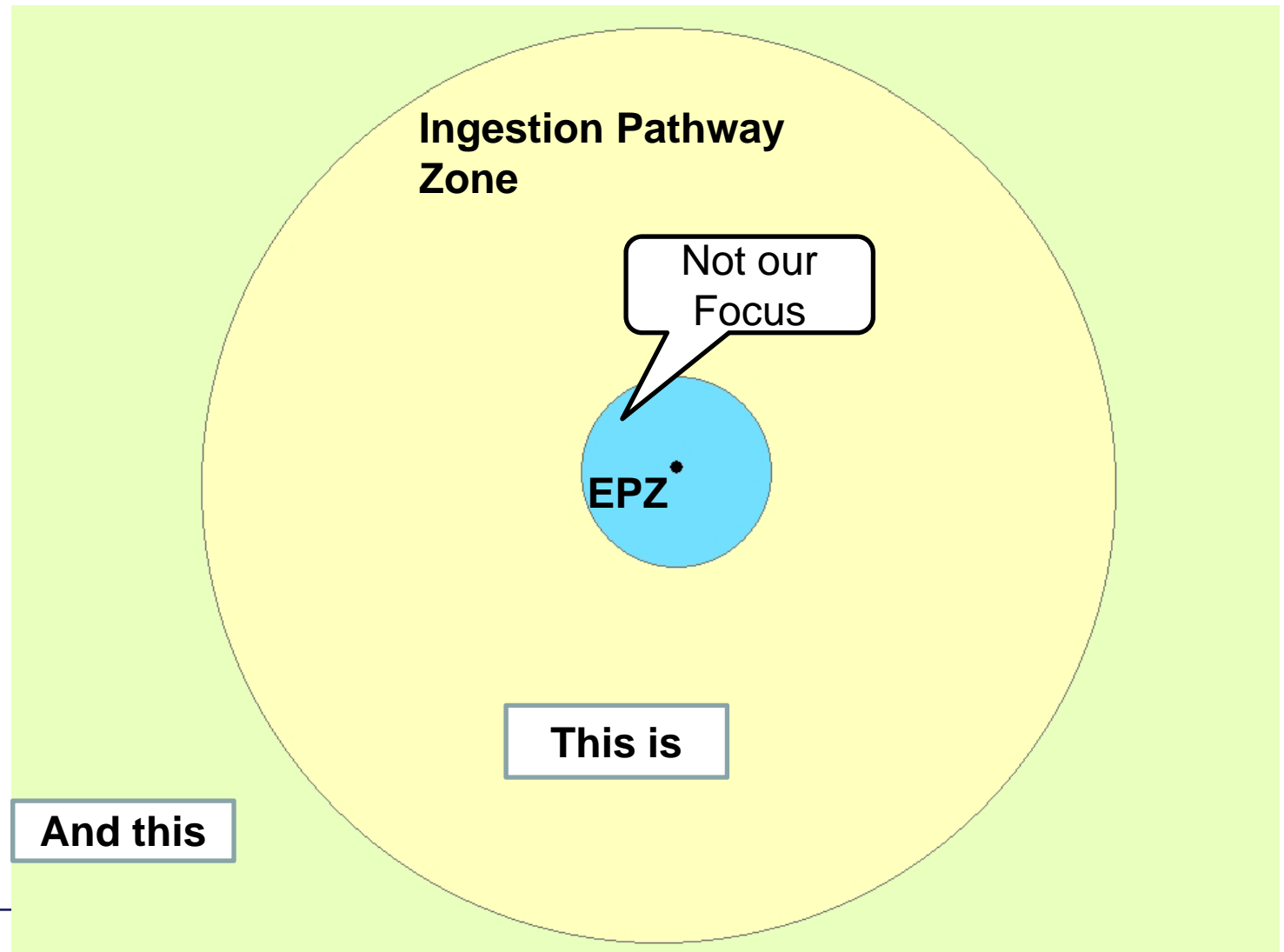
Questions or input? Contact Becky Koch at becky.koch@ndsu.edu or (701) 231-7875.



N.Isu.edu

EDEN Radiological Team

In a radiological event education will be in high demand.



Invasive Species

- Can we educate growers who export to the U.S. to avoid accidental introduction of plant pests?
- NPDN-NIFA
- APHIS-PPQ
- Funded a group
- Workgroups
- Future funding?





Two Commentaries that highlight EDEN and disaster preparedness will lead off the June 2012 issue of the *Journal of Extension (JOE)*:

- “Disaster Preparedness and the Cooperative Extension Service”
- “Emergency Exercise Participation and Evaluation”

JANUARY 2009

[Snow adds to farm troubles](#)

Capital Press (subscription) - Salem,OR,USA

Washington State University **Extension** Associate Dean John Winder said the university uses a national **Extension Disaster Education network** to provide ...

[State group posts information about recalled peanut butter products](#)

Sioux Falls Argus Leader - Sioux Falls,SD,USA

The **Extension Disaster Education Network**, or EDEN, has created a link from its Web site to a current list of products that are being recalled nationally. ...

FEBRUARY 2009

[Effects of wildfires, drought can be minimized](#)

Cleburne Times-Review - Cleburne,TX,USA

For information about wildfires visit the Texas **Extension Disaster Education Network** Web site at texashelp.tamu.edu, call 817-556-6370 or visit the Johnson ...

[It's not too early to prepare for storms](#)

Pittsburg Morning Sun - Pittsburg,KS,USA

For more information on **disaster** preparedness and **disaster-specific** preparation, you may visit the **Extension Disaster Education Network** by visiting the EDEN ...



Board of Visitors

EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA



**NATIONAL
VOLUNTARY ORGANIZATIONS
ACTIVE IN DISASTER**

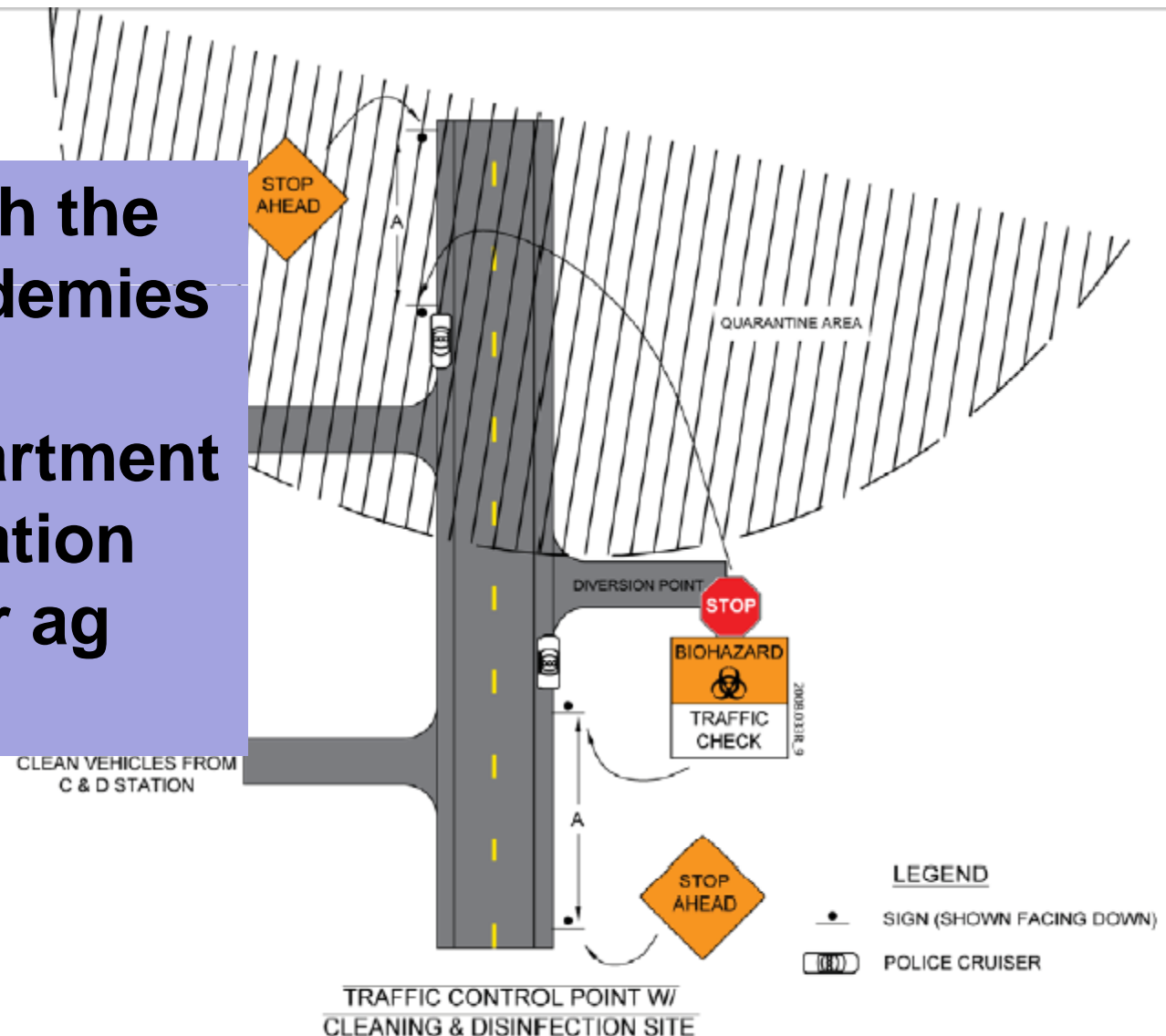


United States Department of Agriculture
National Institute of Food and Agriculture



Check Point – Clean and Disinfect

Partnered with the National Academies of Science to develop Department Of Transportation guidelines for ag emergencies.



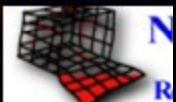
Animal Liberation Front.com

Worldwide News and Information Resource about the A.L.F

- Home
- About ALF
- Press Office
- Site Search
- Forum
- AR News
- 96 AR FAQs
- Activists +
- Practical Issues
- Philosophy
- AR Orgs
- Literature
- Humor, Fun
- Animal Ph
- Slideshow
- Guest Boc

Visitor: 13,0

Songs by Maria



facebook

Animal Protection > Activist Index

Animal Liberation Front



**Fighting the REAL
War on Terrorism,
one Raid at a time!**

terrorist: person who imposes terror



ALF



who is the terrorist here?

Agroterrorism is the act of any person knowingly or maliciously using biological agents as weapons against the agricultural industry and the food supply.

—Steve Cain, Agricultural Communications Specialist

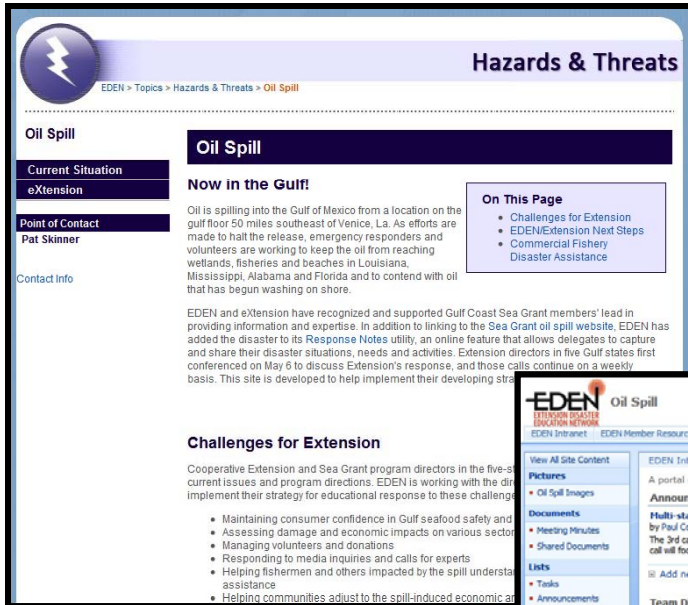
Agroterrorism is the use of biological or chemical agents directed against crops and livestock in an effort to disrupt the food supply to a population.

—Vermont Health Alert Network

For an excellent historical and political analysis of the complexity of terrorism, see 'The Criminology of Terrorism: History, Law, Definitions, 1. and Typologies,' faculty.ncwc.edu/toconnor/429/429lect01.htm.

EDEN website

Oil Spill



Hazards & Threats

EDEN > Topics > Hazards & Threats > Oil Spill

Oil Spill

Current Situation
eXtension

Point of Contact
Pat Skinner

Oil Spill

Now In the Gulf!

Oil is spilling into the Gulf of Mexico from a location on the gulf floor 50 miles southeast of Venice, La. As efforts are made to halt the release, emergency responders and volunteers are working to keep the oil from reaching wetlands, fisheries and beaches in Louisiana, Mississippi, Alabama and Florida and to contend with oil that has begun washing on shore.

On This Page

- Challenges for Extension
- EDEN/Extension Next Steps
- Commercial Fishery Disaster Assistance

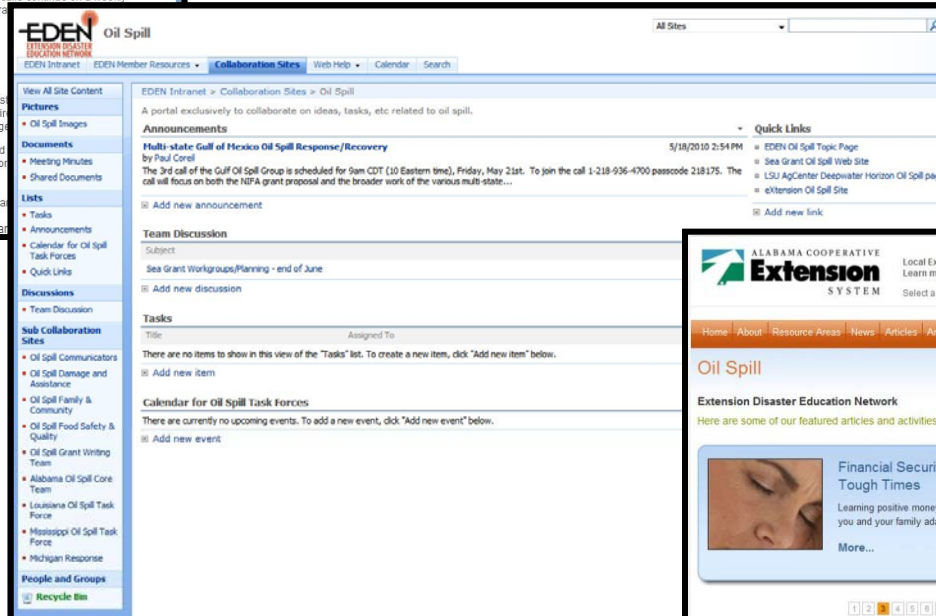
EDEN and eXtension have recognized and supported Gulf Coast Sea Grant members' lead in providing information and expertise. In addition to linking to the Sea Grant oil spill website, EDEN has added the disaster to its **Response Notes** utility, an online feature that allows delegates to capture and share their disaster situations, needs and activities. Extension directors in five Gulf states first conferred on May 6 to discuss Extension's response, and those calls continue on a weekly basis. This site is developed to help implement their developing strategy.

Challenges for Extension

Cooperative Extension and Sea Grant program directors in the five-sea states are currently addressing current issues and program directions. EDEN is working with the directors to implement their strategy for educational response to these challenges:

- Maintaining consumer confidence in Gulf seafood safety and
- Assessing damage and economic impacts on various sectors
- Managing volunteers and donations
- Responding to media inquiries and calls for experts
- Helping fishermen and others impacted by the spill understand assistance
- Helping communities adjust to the spill-induced economic and

EDEN Collaborative Site



EDEN Oil Spill

EDEN Intranet | EDEN Member Resources | **Collaboration Sites** | Web Help | Calendar | Search

View All Site Content

Pictures

- Oil Spill Images

Documents

- Meeting Minutes
- Shared Documents

Units

- Tasks
- Announcements
- Calendar for Oil Spill Task Forces
- Quick Links

Discussions

- Team Discussion

Sub Collaboration Sites

- Oil Spill Communicators
- Oil Spill Damage and Assistance
- Oil Spill Family & Community
- Oil Spill Food Safety & Quality
- Oil Spill Grant Writing Team
- Alabama Oil Spill Core Team
- Louisiana Oil Spill Task Force
- Mississippi Oil Spill Task Force
- Michigan Response

People and Groups

Recycle Bin

EDEN Intranet > Collaboration Sites > Oil Spill

A portal exclusively to collaborate on ideas, tasks, etc related to oil spill.

Announcements

Multi-state Gulf of Mexico Oil Spill Response/Recovery

5/15/2010 2:54 PM

by Paul Corell

The 3rd call of the Gulf Oil Spill Group is scheduled for 9am CDT (10 Eastern time), Friday, May 21st. To join the call 1-218-936-4700 passcode 218175. The call will focus on both the NIFA grant proposal and the broader work of the various multi-state...

Quick Links

- EDEN Oil Spill Topic Page
- Sea Grant Oil Spill Web Site
- LSU AgCenter Deepwater Horizon Oil Spill page
- eXtension Oil Spill Site
- Add new link

Team Discussion

Subject: Sea Grant Workgroups/Planning - end of June

Tasks

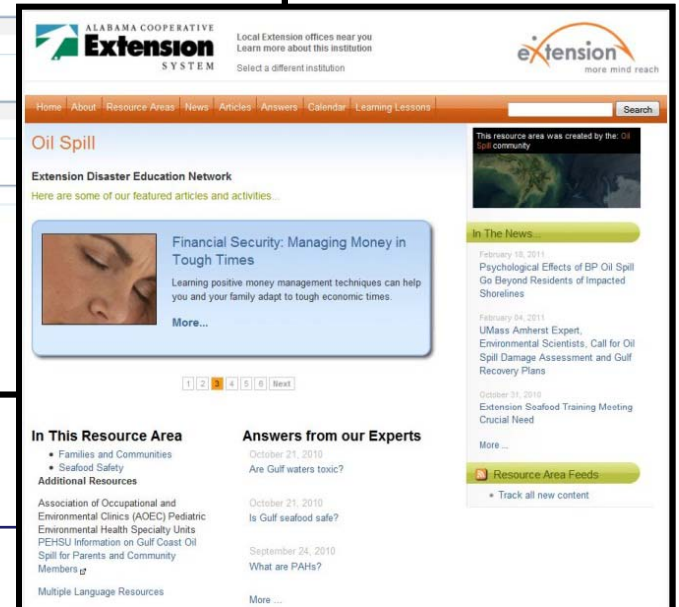
Title: Assigned To:

There are no items to show in this view of the "Tasks" list. To create a new item, click "Add new item" below.

Calendar for Oil Spill Task Forces

There are currently no upcoming events. To add a new event, click "Add new event" below.

eXtension



ALABAMA COOPERATIVE
Extension
SYSTEM

Local Extension offices near you
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Oil Spill

Extension Disaster Education Network

Here are some of our featured articles and activities...

Financial Security: Managing Money in Tough Times

Learning positive money management techniques can help you and your family adapt to tough economic times.

In This Resource Area

- Families and Communities
- Seafood Safety

Additional Resources

Association of Occupational and Environmental Clinics (AOEC) Pediatric Environmental Health Specialty Units PEHSU Information on Gulf Coast Oil Spill for Parents and Community Members

Answers from our Experts

October 21, 2010
Are Gulf waters toxic?

October 21, 2010
Is Gulf seafood safe?

September 24, 2010
What are PAHs?

Multiple Language Resources

Resource Area Feeds

- Track all new content

All Disasters are Local



- All Disasters are Local –
So is Extension
- It's not a matter of *IF*, but a
matter of *WHEN* –
Be Prepared

NEIL: National EDEN Issue Leaders

- EDEN becomes a national team of specialists network by web and phone so that we all have the:

**Right Answers.
Right Now.**



A screenshot of the EDEN website's "Hazards & Threats" section, specifically the "Floods and Flooding" page. The page has a purple header with a lightning bolt icon and the text "EDEN > Topics > Hazards & Threats > Floods and Flooding". Below the header is a navigation menu with links like "2011: Spring Melt", "Response to Past Events", "2010 Season: Spring to Fall", "2008 Midwest Floods", and "Agriculture Issues after a Flood". The main content area features a photo of a green wooden building partially submerged in water, with the title "Floods and Flooding" and a sub-header "Widespread flooding this spring". The text describes the current situation of snow melting and heavy rains in the upper midwest and northeast. A sidebar on the right titled "On This Page" lists links for "Floods and Flood Impacts", "Opportunities for Extension to Reduce Impacts", and "Floods Resources". At the bottom, there is a section titled "Floods and Flood Impacts" with introductory text about the prevalence of flooding.

1,000s of Questions: Right Answers, Right Now

- More than 75 areas of expertise

QUESTION:
Is my food
safe?

QUESTION:
How do I
reclaim lost
soil?



Agricultural
Disasters



Families &
Communities



Hazards
& Threats



Human
Health



Disaster
Watch

Ideal Virtual Agrosecurity Relationship

- EDEN focuses on educating the public
- NAHLN and NPDN focuses on the detection and warning systems
- We can collaborate in the steps before, during and after detection to help farmers and the public

EDEN's Future

- Maintain and adapt current on-line courses
- More evaluation and assessment
- MORE HANDS-ON workshops (S-CAPE)
- Capacity building at the state and local level
- Develop and maintain social media



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