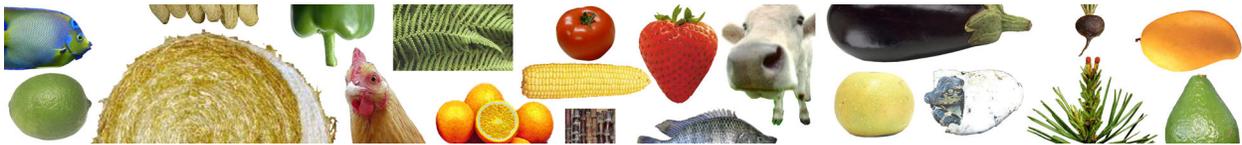




Pets & Disasters: Personal Planning





Pets & Disasters: Personal Planning Workbook

Prepared by: Laura Bevan, Director, the Humane Society of the United States, Southeast
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SART Training Media are available for download from the Florida SART Web site
<www.flsart.org>.

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About Florida SART

SART is a group of governmental and private agencies dedicated to effectively communicating and planning for animal and agriculture emergencies and disasters in Florida.

SART operates at the local level through county SART organizations.

SART combines the skills and resources of many agencies, organizations and individuals.

SART supports the county, regional, and state emergency management efforts.

SART Mission

Empower Floridians with training and resources to enhance animal and agriculture disaster response.

SART Goals

- Promote the establishment of a coordinator in each county responsible for all agriculturally related incidents
 - Provide assistance in the development and writing of county ESF-17 plans
 - Promote the establishment of a County SART for each county
 - Provide annual training for all SART and agriculturally-related personnel
 - Identify county resources available for an emergency or disaster
 - Promote counties to work at a regional level for mutual aid
-

Subject: Ways to plan on a personal level for pets in disasters.

Mission: Share information on personal preparations for pets in disasters and encourage participants to make plans.

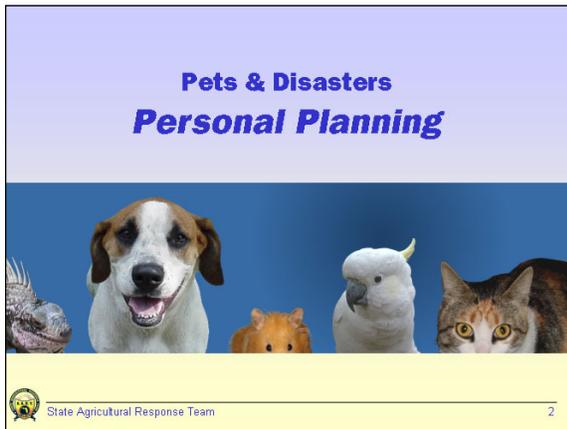
Specific Learning Objectives

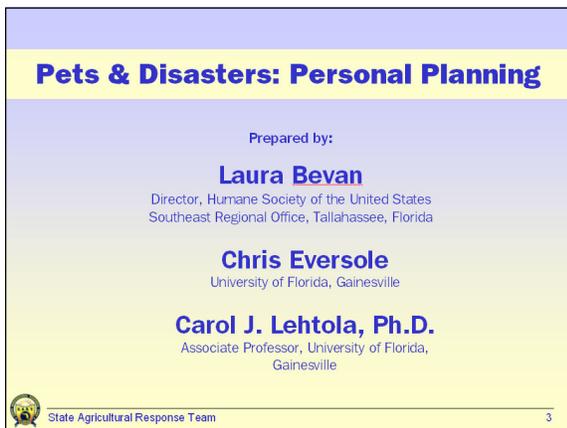
At the end of this training module, participants will be able to:

1. Describe the potential risks they face
 2. List and discuss ways they can reduce those risks
 3. Use the checklist to make plans for their pet disaster kit
 4. Name actions they can take to prepare for possible scenarios
 5. Identify key resources they can easily access for more information
-

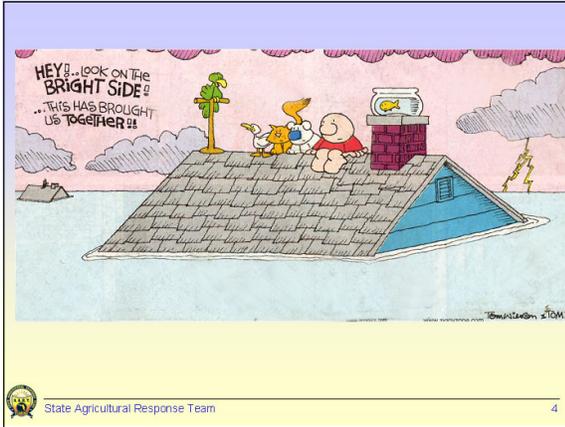
Slides 1-3







Slides 4-6



Learning Objectives

- Describe the potential risks you face
- List and discuss ways you can reduce risks
- Begin pet disaster kit checklist
- Name actions you can take to prepare for possible scenarios
- Identify key resources you can easily access

Our Community's Risks

- What has actually happened to you and other people in our community?
- What could happen?

Slides 7-9

Planning Considerations

- What resources do you need and what are available to you?
- How can you mitigate damage?
- Who should you coordinate it with?

 State Agricultural Response Team 7

Steps to Take

- Develop a plan
- Organize your resources
- Fix up your home—mitigation
- Prepare for possible scenarios:
 - Sheltering
 - Evacuation
- Practice and train frequently

 State Agricultural Response Team 8

Mitigation

- What is mitigation?
 - Avoid or substantially reduce the potential damage to property
- Advantages of mitigation
 - Possibly reduce your insurance costs
 - Shorten recovery time after a disaster
 - Help you keep your home in good shape

 State Agricultural Response Team 9

Slides 10-12

Special Considerations for Animals

- Toxic substances
- Heavy items
- Loose, blowing items
- Debris that could inflict cuts/punctures
- Evacuation time



State Agricultural Response Team

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Your Finances

- Insurance
 - Keep current
 - Reflect replacement costs
- Available cash
 - Keep on hand
 - Credit cards may not work
- Record-keeping
 - Keep copies of important financial records & papers



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Warning Systems

- Know your community's warning systems
 - Radio and TV stations
 - NOAA weather radios
 - Internet
 - Local emergency officials or police
 - Rumor control line



State Agricultural Response Team

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Slides 13-15

Best Early-Warning System

Your own alertness

- Always pay attention to weather
- Take action when you think severe weather may be moving into your area, even if no official warning is given
- Bring your animals inside or confine them



State Agricultural Response Team 13

Watch vs. Warning

- **Watch:** Conditions are ripe for severe weather to develop
 - Prepare!
- **Warning:** Severe weather has been reported or is imminent
 - Seek safety immediately

HIGH WINDS WARNING
URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE TALLAHASSEE, FL1259 PM EST MON FEB 14
2005 ...VERY STRONG WINDS ARE POSSIBLE ALONG COASTAL WATERS FROM S OF PANAMA CITY TO S OF ST GEORGE ISLAND EXTENDING OUT TO 60 NM



State Agricultural Response Team 14

Special Needs

- If you have lots of animals, large animals or exotic animals...
- If you have very young, very old, handicapped or mobility impaired family members or animals...
- If you live far off the main road...

Plan more carefully and act sooner



State Agricultural Response Team 15

Slides 16-18

Do You Need a Generator?

- Electricity needed to clean water and provide heat for fish and reptiles
- Power needed for pumps to supply water to horses & livestock

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Preparing Disaster Kit

Considerations

- See to your own specific pet and family needs
- Needs vary for evacuation or for sheltering at home
- Start simple, then add as needed

 State Agricultural Response Team 17

Clothing

- Clothing appropriate for specific hazards
 - Heavy boots for walking through debris
 - Rain gear for storms
- Different needs depending on season
- Comfortable and serviceable

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Slides 19-21

Food

Provide for both your family & your animals

- May be perishable
 - Cycle through dated items
- For evacuation as well as sheltering in place
- Foods that are edible & tasty without cooking
- Foods that don't need to be reconstituted with hot water

 State Agricultural Response Team 19

Water

Generous amounts

- For your family—1-2 gallons per day per person
- For your animals—amount depends upon species
- At least 3-5 days worth
- Clean containers
- Rotate supply to maintain freshness
- Extra water for cleaning for people & animals

 State Agricultural Response Team 20

Storing Disaster Supplies

- Should be portable for evacuation
- Watertight containers
- Easily accessible
- Location known to all family members
- Use understood by all family members
- Keep basic kit in your car

 State Agricultural Response Team 21

Slides 22-24

Pet Emergency Kit for Car

- Water in plastic bottles, food & dishes
- Extra leashes, collars & toys
- Familiar blanket or thick towel
- Pet first-aid kit & normal medication
- Appropriate carrier
- Identification & records

 State Agricultural Response Team 22

Other Supplies

- Tools
- Clothing & bedding
- Sanitation supplies
- Special items for pets
- Radio & flashlights & batteries for both
- Cell phones (with chargers)

 State Agricultural Response Team 23

Identification of Your Animals

- Tags on collars (best option)
- Tattoos
- Microchips
- Combination of methods
- Include phone number *outside* of your area
- Photograph of yourself with the animals
 - Helps establish ownership



 State Agricultural Response Team 24

Slides 25-27

Pros & Cons of ID Methods

- Tag might fall off but can be read instantly
 - Animal might be returned immediately
- Microchipping – most secure, but possibly hard to read at a disaster shelter
- Tattoo – won't fall off, often hard to read & no national registry to get the owner's information


State Agricultural Response Team
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Worksheet 1 Pet Disaster Kit Checklist

**Worksheet 1
Pets & Disasters**

Pet Disaster Kit Checklist

Use this checklist as a guide to assembling your disaster kit for your pet. The items listed will help you identify items that should be included in your pet's disaster kit. Items in your pet's kit should be checked off as you assemble it.

Item	Item	Item
For owner	Collar/leash/ID tags	First aid
Fluorescent light for your pet	Antibiotic ointment	
Up-to-date health records	Antifreeze/antipollutant	
Emergency shelter contact list	Rescue	
Extra collars with ID tags and leash	Stitches	
Maple	Hydrocortisone cream	
Food for up to two weeks	Latex disposable gloves	
Water for up to two weeks	Whisper/softener	
Blanketed bed/pillow	Antiseptic/antibiotic ointment	
Letter box with plan	Medications	
Emergency kit	First aid kit/first aid kit	

More information on pet disaster kits is available at:
<http://www.fda.gov/oc/ohrt/>
<http://www.fda.gov/oc/ohrt/>
<http://www.fda.gov/oc/ohrt/>


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Evacuate or Shelter in Place?




State Agricultural Response Team
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Slides 28-30

Pet Emergency Kit for Car

- Water in plastic bottles, food & dishes
- Extra leashes, collars & toys
- Familiar blanket or thick towel
- Pet first-aid kit & normal medication
- Appropriate carrier
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 State Agricultural Response Team 22

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 State Agricultural Response Team 23

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Slides 31-33

Pros & Cons of ID Methods

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Worksheet 1 Pet Disaster Kit Checklist

**Worksheet 1
Pets & Disasters**

Pet Disaster Kit Checklist

Use this checklist as a guide to assembling your disaster kit for your pet. You may need to add items or adjust items. Have your disaster kit checked once a year. Have it in your vehicle as well.

Item	Item	Item
Pet carrier	Collar/leash/identification	First aid
Practice with you and your pet	Anti-flea/spot treatment	Antibiotic ointment
Up-to-date health records	Antifreeze/coolant/antifreeze	Stitches
Emergency shelter contact list	Stakes	
Evac routes with ID tags and leash	Sturdy cat park	
Maple	Waterproof gloves	
Food for up to two weeks	Waterproof container	
Water for up to two weeks	Antiseptic cleaning second water	
Hand sanitizer/gel	Hand sanitizer	
Other items with their	Handheld can opener	
Sheltering		

More information on pet disaster kits is available at:
<http://www.nrcs.gov/wildlife/2008/2008-2010/>
<http://www.fishbase.org/>
<http://www.nrcs.gov/wildlife/>

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Evacuate or Shelter in Place?



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Slides 34-36

Once You are Sheltered

- Listen to your radio or watch your television
- Don't come out until you are told all is safe or you are told to evacuate



State Agricultural Response Team 34

Evacuation Planning



State Agricultural Response Team 35

Evacuation Planning

Why prepare for evacuation?

- Don't be complacent
 - No one is immune
- Animals take more time to evacuate
- Planning helps you leave early & preserves your options

State Agricultural Response Team 36

Slides 37-39

Will You be Ordered to Evacuate?

Evacuation orders depend upon:

- Speed of onset of the disaster
- Threat to life anticipated
- Amount of damage caused or expected to be caused to dwellings
- Ability and availability of emergency services resources to support your needs at your location

 State Agricultural Response Team 37

How Will You Know When to Evacuate?

- Keep checking local warning systems—radio, television and Internet
- Listen for information about evacuation plans in your area
- You may not know at first whether you should evacuate or shelter at home

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Where Will You Go?

- Consider your support network of family and friends
- Pre-arrange a place to stay with people who will welcome you and your animals
- Use the Web sites and phone numbers for chambers of commerce and visitors & convention bureaus
 - May track hotel and motel availability
- Consider public shelters a last resort

 State Agricultural Response Team 39

Slides 40-42

Worksheet 2 Evacuation Options

Worksheet 2 Personal Planning Evacuation Options	
Type of Disaster	Options and Other Information
Flood and Inland Flood	1. 2. 3.
Wildfire and Smoke from Fire	1. 2. 3.
Chemical Hazards and Air Pollution Hazards	1. 2. 3.
Public Safety	1. 2. 3.

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Safety in Evacuation



- Ask authorities for best evacuation routes
 - Avoid potentially hazardous areas
- Avoid congested areas, especially near rush-hour travel routes
- Take routes you know
 - Survey them in advance

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Other Considerations

- Plan your route to cover all family members
 - Home
 - Work
 - Schools
 - Pet sitter
- Time of day makes a difference
- Don't leave pets in parked vehicle
 - Even with windows open, temp can exceed 120° quickly
 - Running engine & AC can quit & pets can die

State Agricultural Response Team 42

Slides 43-45

Be a Good Guest

- Have pet carriers or containers to use as dens
- Respect household or shelter rules



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Practice Evacuating

- Helps your family and animals know the drill
- Makes evacuation practice fun
- Invite several families to practice evacuation with you

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If Evacuation is Ordered

- Evacuate immediately when ordered to
- Take your disaster supplies
- Lock your home
- Follow your evacuation plan
- Listen to the radio for weather, news & evacuation instructions
- Maintain direct control of your animals

State Agricultural Response Team 45

Slides 46-48

If You're Not Home when Evacuation is Ordered

- Notify appropriate authorities so that animals can be evacuated by animal responders
- Call a neighbor
 - *Did you plan with your neighbors?*

 State Agricultural Response Team 46

Waiting until the Last Minute

- You might not be able to take your animals with you
- Emergency responders are trained and required to save human lives, not animals
- They may be taking physical and legal risks to help your animals
- Bottom line: Don't wait!

 State Agricultural Response Team 47

Recovery



 State Agricultural Response Team 48

Slides 49-51

First Steps

Is it safe to come out?

- Identify injuries
- Identify hazards
- Identify damage
- Identify needs

State Agricultural Response Team 49

Coming Out?

- Stay tuned to the radio or television
- Remain sheltered until you know it is safe to leave
- Don't leave an evacuation shelter until you know where you will go

State Agricultural Response Team 50

More Tips for Recovery



State Agricultural Response Team 51

Slides 52-54

More Tips for Recovery

- Be prepared for a very different situation
- Be aware of particular dangers for your animals
- Den animals (and small children) are likely to try to hide in areas in which dangers may also be hiding

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Dangers Afterwards

- Shock
- Gas and other hazardous materials
- Standing & moving water
- Dangers after fires
- Injury from above and underfoot
- Danger from animals
- Disease

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Shock & Electrical Problems



- Downed power lines from high winds
- Broken or twisted wiring
- Damaged fixtures and appliances

 State Agricultural Response Team 54

Slides 55-57

Gas Leaks

- Sniff the air to detect gas leaks
- Turn off the gas if it is still on
- Open windows and leave the house
- Don't cause sparks
- Assume that if there is structural damage, gas lines could be broken



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Hazardous Materials

- Chemicals, sewage and other materials in flood waters or from overturned containers
- Animals may attempt to drink from puddles
 - Especially if drinking water compromised & animals are thirsty



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Dangerous Household Fluids

- Medications
- Automotive fluids, particularly antifreeze
- Household cleaners
- Anything that carries a warning label is a potential threat

 State Agricultural Response Team 57

Slides 58-60

Standing & Moving Water



- Can conceal dangerous debris
- Unseen storm drains, swimming pools, sinkholes or dangerous currents

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Dangers after Fires

Hot spots that might flare up

- Charred & hot material from lingering and hidden fires
- Toxic fumes

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Objects Falling from Above

- Structural problems in homes
- Tree limbs
- Debris falling from trees

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Slides 61-63

Danger Underfoot

- Twisted debris with sharp edges
- Unstable porches, etc.
- Animals’ feet are more vulnerable than yours
- Wear protective clothing & footwear



State Agricultural Response Team

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Structural Damage

- Examine building from all angles on the outside
- Buildings may be weakened & could collapse
- Get an expert if you are not sure



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Loose Animals & Exotics

- Animals may behave erratically
- This includes your pets, if uncontrolled
- Be aware that exotics may have been released by the disaster



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Slides 64-66

Wildlife



- Also affected by disaster
- May be frightened and disoriented
- May best be left to fend for themselves

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Wildlife in Houses

- Wild animals may seek refuge from flood waters in the upper levels of your house
- If you meet one face to face, don't panic
- Make sure that the animal can escape
- Open windows or doors, and the animal will probably leave on its own

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Diseases

- Mosquitoes & animal carcasses may pose disease problems
- Example: West Nile Virus

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Slides 67-69

Report Suspected Diseases

- Keep in touch with your local public health and emergency management authorities for warnings
- Report any problems that you encounter
- Use common sense and uncommon caution

 State Agricultural Response Team 67

Watch for Emotional & Behavioral Reactions

- Unexpected reactions in yourself & in your animals
- Companion and service animals are especially vulnerable to human moods
- Sick or injured animals may behave unpredictably
- Handle only if you have training to do so

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Disoriented Animals

- Loss of marker cues which tell them that 'this is home'
- Keep your pets contained or on leashes
- Accompany companion and service animals outside when they need to go
- Make sure that any damaged fences are repaired quickly

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Slides 70-72

If You Get Separated from Your Pets



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Looking for Your Pets

- Call and visit the local animal shelters
- Call the local animal control authorities
- Distribute posters with a description or a picture of your animals, area last seen & your contact information



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Be Patient

- Many animals will hide or flee
- Search your neighborhood
- Make posters with the description of your animals
- Use the Internet, including free services such as the Missing Pet Network — <http://www.missingpet.net>

State Agricultural Response Team 72

Slides 73-75

If You Find a Lost Animal

- Call the local animal shelter or animal control authorities
 - Describe the animal (color, breed, sex) & its location
- Don't try to handle an injured animal unless you are a professional or are familiar with animal handling techniques

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Getting Back to Normal

- Get your family members & pets back to their normal routines as soon as possible
- This is as important for your animals & children as it is for you

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Help Your Animals

- Pets will likely be disoriented & can become easily confused
- Walk your pets around your house and yard on a leash to reassure them
- Follow up with veterinary care, if needed

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Slides 76-78

Find Normal Things to Do

- Some parts of your routine may be hard to resume
 - If you don't have electric power yet, you can't watch television
- Find something else to fill that space in your routine
 - Reading out loud
 - Playing catch with your dog
 - Other recreational activity

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Resources

- SART Web site
 - www.flstart.org
- Animal-related resources
- Emergency management resources
- Ag safety resources
- FEMA training

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Slides 79-80

Summary & Wrap-Up

- Potential risks you face
- Ways you can reduce those risks
- What you need in your pet disaster kits
- Actions you can take to prepare for possible scenarios
- Key resources

 State Agricultural Response Team 79

Thank You



 State Agricultural Response Team 80

Local Resources . . .

Resources

This publication and other materials for SART training programs are available on the World Wide Web at <www.flkart.org>, the Web site of the Florida State Agricultural Response Team program. The material includes:

Make It Happen! Toolkit for Planning a Community-Based SART Training Event

Training Module Topics Available:

- *Introducing SART*
- *Introducing Florida Aquaculture*
- *Aquaculture: Emerging and Endemic Diseases*
- *Aquaculture: Quarantine Issues*
- *Aquaculture: Emergency Management of Aquaculture Facilities*

Note: As new modules become available, they will be posted on the Web site <www.flkart.org>.

The following is a source of additional information about the subjects and agencies mentioned in this module.

Florida Department of Community Affairs, Division of Emergency Management
 Emergency Response Team
 <<http://www.floridadisaster.org>>

Resources directly related to animals and disasters include:

American Red Cross
 <<http://www.redcross.org/services/>>

Topics include *Pets and Disaster — Be Prepared, First Aid for Pets and Barnyard Animal Rescue Plan*

Animal Management in Disasters, Sebastian E. Heath, Mosby, 11830 Westline Industrial Drive, St. Louis, MO 64164. Available through many Internet booksellers.

Missing Pet Network
 <<http://www.missingpet.net>>

Triumph Over Tragedy, Disaster Handbook Video Series: Helping Four-Legged Friends Survive the Storm (18 minutes).

The video is to be available to view in its entirety at the National Ag Safety Database Web site, <<http://www.cdc.gov/nasd/>>.

Resources, continued

Humane Society of the United States Disaster Center

<<http://www.hsus.org/ace/18730>>

Links include *Disaster Preparedness Brochures*, *Disaster Preparedness for Pets*, *Disaster Preparedness for Horses* and *HSUS Disaster Planning Manual for Animals*.

Laura Bevan, director, The Humane Society of the United States
Southeast Regional Office, 1624 Metropolitan Circle, Suite B, Tallahassee, FL
32308, (850) 386-3435, lbevan@hsus.org

The National Ag Safety Database has articles on handling horses and livestock safely.
Go to “animals” under “Locate by Topics” at
<<http://www.cdc.gov/nasd/>>.

Hawkins Guide on Equine Emergencies and *Horse Trailering on the Road*
Blue Green Publishing Co., PO Box 1255, Southern Pines, NC 28388

Equine Trailer Rescue video, Horse Park of New Jersey,
PO Box 548, Allentown, N.J. 08501

The following are sources of information on emergency management in general.

Federal Emergency Management Agency

<<http://www.fema.gov>>

IFAS Disaster Handbook, prepared by the University of Florida’s Institute of Food and
Agricultural Sciences.

<<http://disaster.ifas.ufl.edu>> **CHECK**

Other parts of *Triumph Over Tragedy, Disaster Handbook Video Series* are:

- *Surviving the Storm—Coordination, Communication and Cooperation* (30 minutes)
- *A Community Response to Managing Post-Disaster Stress* (45 minutes)

The entire three-part video series is available at the *IFAS Disaster Handbook* Web site, <<http://disaster.ifas.ufl.edu>> **CHECK**. Go to the *Other Disaster Products* link. The series also is available at IFAS Publications, PO Box 110011, Gainesville, FL 32611, (800) 226-1764.

Extension Disaster Education Network (EDEN)

<<http://www.agctr.lsu.edu/eden/>>

Resources, continued

Occupational Safety & Health Administration’s (OSHA) Emergency Preparedness and Response Page

<<http://www.osha.gov/SLTC/emergencypreparedness/index.html>>

Other resources related to agricultural safety are listed below.

National Agricultural Safety Database (NASD)

<<http://www.cdc.gov/nasd>>

Florida AgSafe network

<<http://www.flagsafe.ufl.edu/>>

Online training courses from FEMA’s Emergency Management Institute (EMI) are available at no cost at <http://training.fema.gov>. CEU certificates are available.

Especially useful may be:

- *Animals in Disaster: Module A, Awareness And Preparedness, IS 10.*

Access this course at:

<<http://training.fema.gov/EMIWeb/IS/is10.asp>>.

- *Animals in Disaster: Module B, Community Planning, IS 11.*

Access this course at <<http://training.fema.gov/EMIWeb/IS/is11.asp>>.

Other related EMI courses are:

- *Introduction to CERT (Community Emergency Response Teams), IS-317.* It provides background information on the concept of community members being able to work together during a disaster.

Access this course at: <<http://training.fema.gov/EMIWeb/IS/is317.asp>>.

- *Basic Incident Command System, IS-195.* Access this course at: <<http://training.fema.gov/EMIWeb/IS/is195.asp>>.

- *Livestock in Disasters, IS-111.* Access this course at:

<<http://training.fema.gov/EMIWeb/IS/is111.asp>>.

Other courses that might be useful with this module include:

- *Emergency Preparedness, IS-2.* Access this course at: <<http://training.fema.gov/EMIWeb/IS/is2.asp>>.

Resources, continued

- *State Disaster Management (IS-208)*. Access this course at: <<http://training.fema.gov/EMIWeb/IS/is208.asp>>.
- *The EOC's Role in Community Preparedness, Response and Recovery Activities (IS-275)*. Access this course at: <<http://training.fema.gov/EMIWeb/IS/is275.asp>>.
- *The Role of Voluntary Agencies in Emergency Management (IS-288)*. Access this course at: <<http://training.fema.gov/EMIWeb/IS/is288.asp>>.
- *Disaster Basics (IS-292)*. Access this course at: <<http://training.fema.gov/EMIWeb/IS/is292.asp>>.

A listing of all the IS courses offered by FEMA can be found at:
<<http://training.fema.gov/EMIWEB/IS/crslist.asp>>.

Notes

Notes