

Animals in Disasters: Enhancing Response Capabilities



SC Flooding Oct 15

Your Presenter



Dick Green, Ed.D.
Senior Director Disaster Response
ASPCA



Mudslides, SoCal Oct, 15



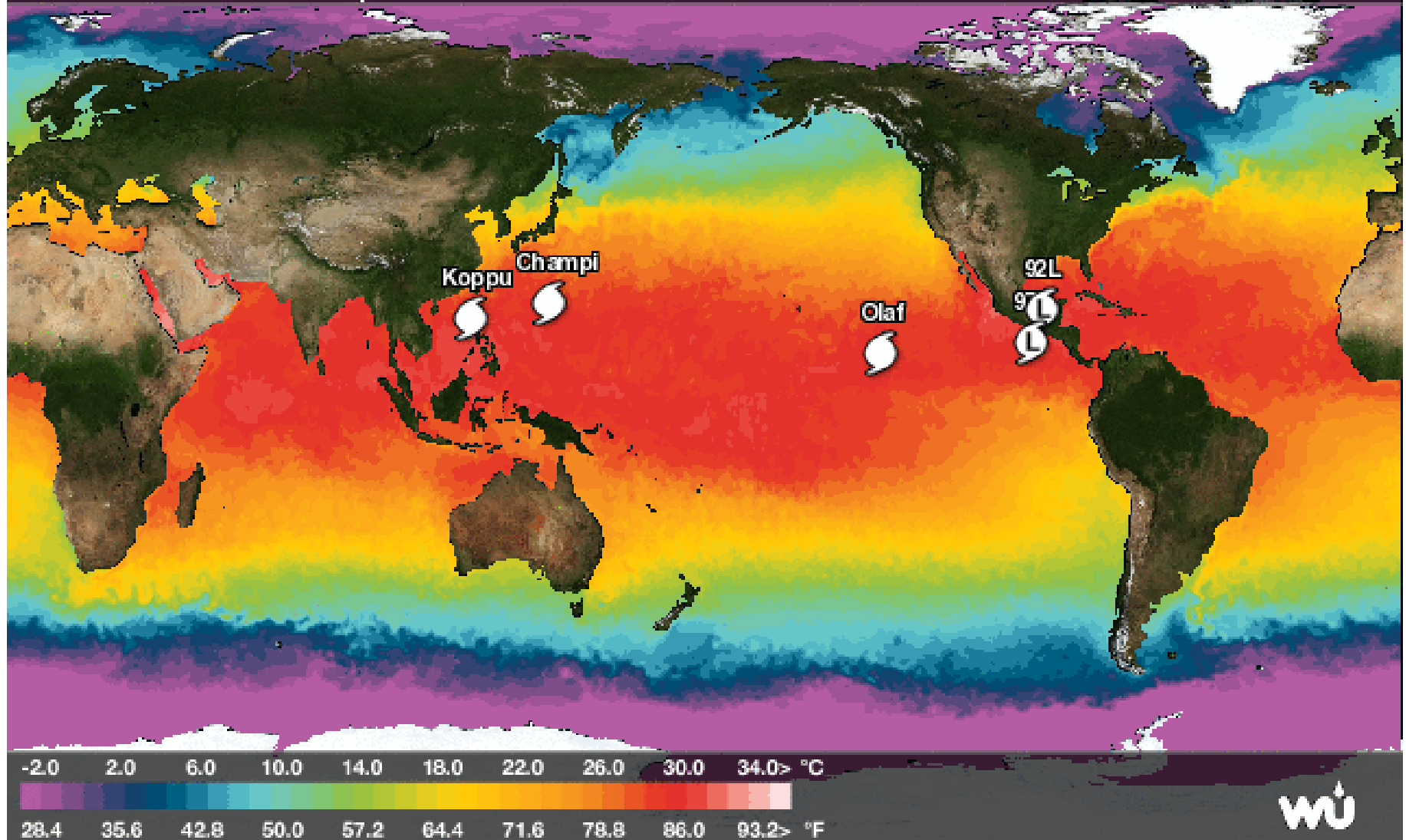
Hidden Pines Fire, Oct 15



Typhoon Koppu, Oct 15

Global Sea Surface Temperature

Generated Sun Oct 18 21:30 EDT 2015



Tropical cyclones Oct 15

And that was just last weekend!



Greenville, SC Oct 15



Valley Fire, Sep 15

“Dramatic Increase in Disasters”

- Population growth
- Urbanization
- Environmental fragility
- Move toward coastal areas
- Global climate change

Great Job Security!

10 Tropical storms

5 Earthquake

2 Landslides

2 Tsunami

4 Volcanoes

3 Tornadoes

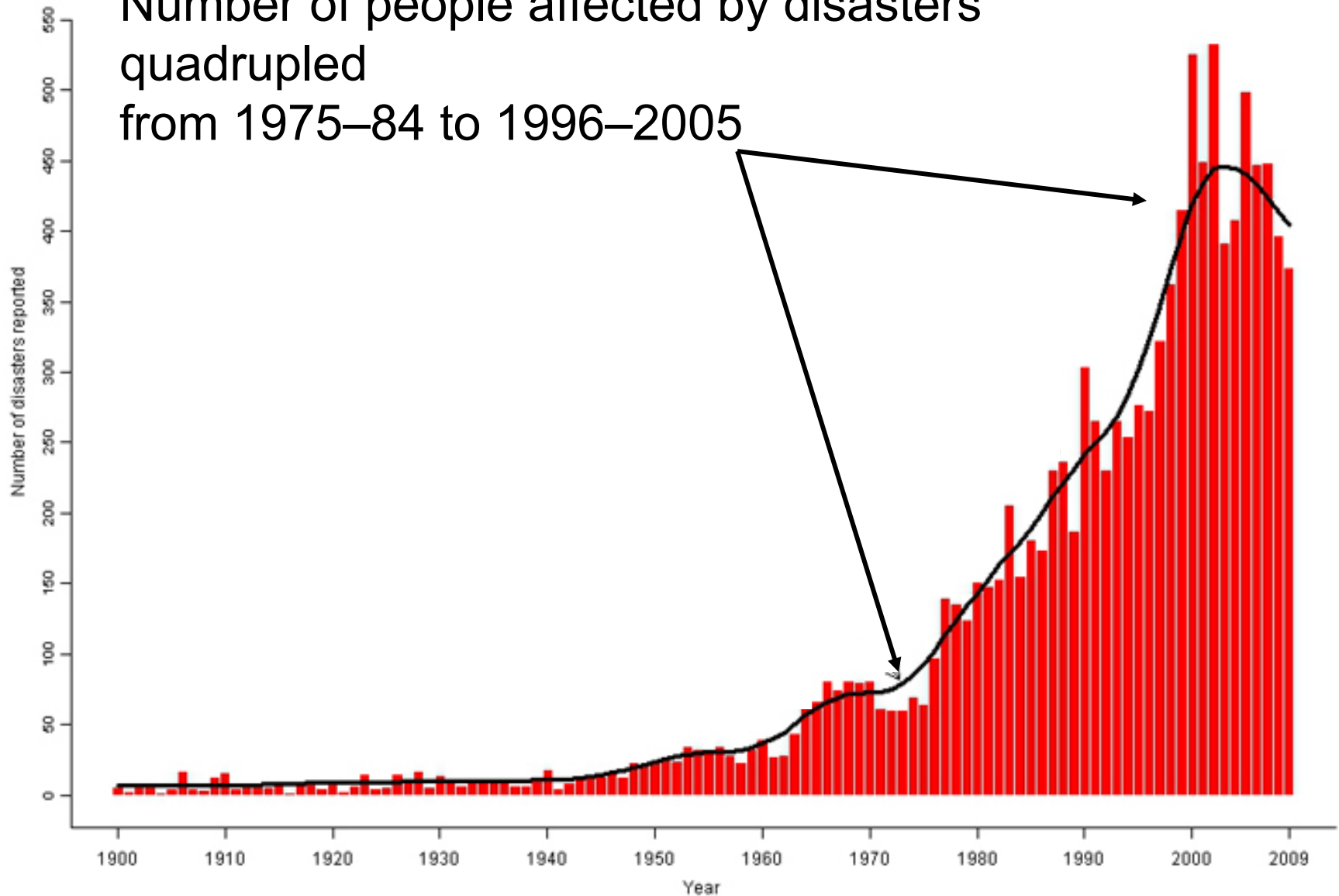
10 Floods

7 Fires

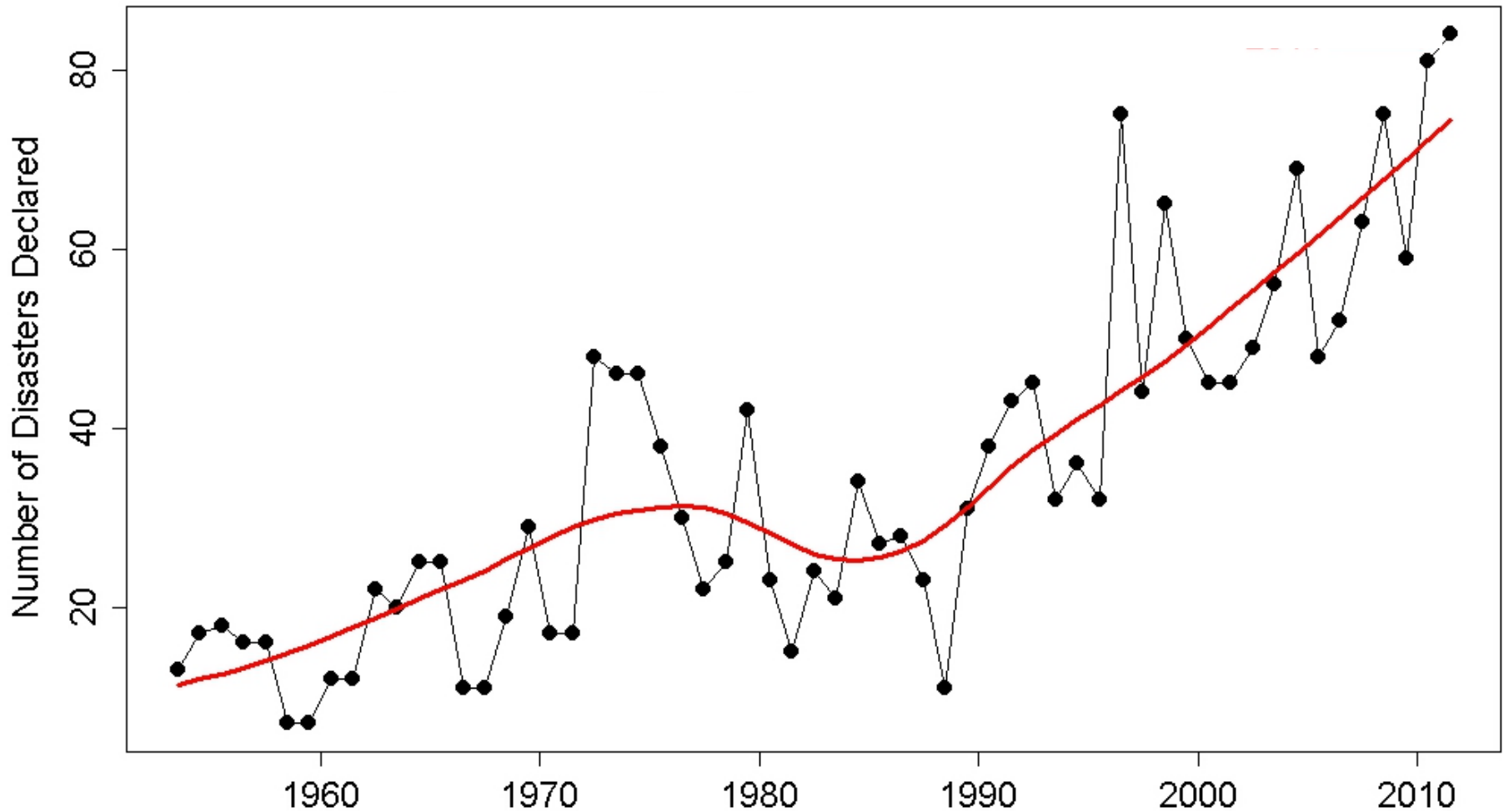


SC Flooding Oct 15

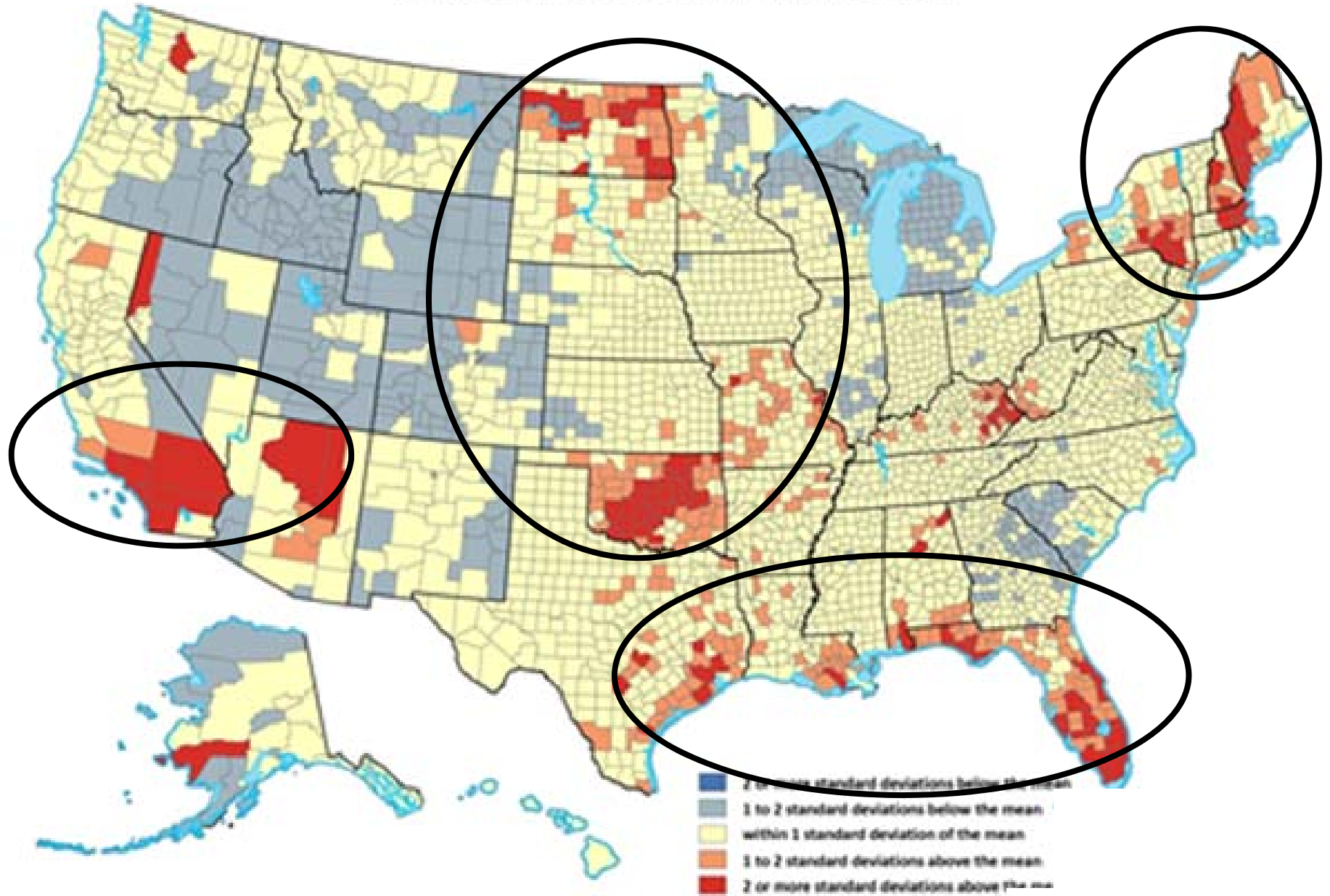
Number of people affected by disasters
quadrupled
from 1975–84 to 1996–2005



U.S. Federally Declared Disasters



Number of FEMA Disaster Declarations 1991-2011



Setting the Stage: Los Angeles County

- Total population: 10M
- Total Number of Households: 3.2M
- Average number of people/HH = 3.01



- 3.2M households
- 53% of HH own pets
- 2.7 pets/HH
- $3.2\text{M} \times 0.53 \times 2.7 = \mathbf{4.6\text{M} \text{ pets}^*}$



*52-59% human population (5.2-5.9M pets)

Natural/Man-Made Disaster

- Devastating earthquake - 40% of the county impacted
(5M X 0.40 = 2M pets)
- 5-30% will seek shelter
100-600K* pets needing shelter
- ~500,000 sheltering units
\$25M
- Staffing Needs (*not including transport, ASAR, or IMT)
7-10:1 ratio – 50K
25:1 – 20K
- Number of shelters
500 – 1K
1000 – 500

SoCal 15 Capstone Exercise

- May 11-14, 2015
- 7.8 Earthquake on San Andreas Fault
- 10 million people affected; 2.5 million shelter-in-place; 500,000 in shelter; 50,000 injured
 - 500,000 pets needing shelter (revised down to 321,000)
 - 148,000 “abandoned”
 - 173,000 sheltering or needing shelter
 - 2,000 horses needing evacuation and shelter
 - Escaped exotics needing recapture, transport, shelter
 - Carcass disposal: 1,000 cattle; 1,000-2,000 poultry

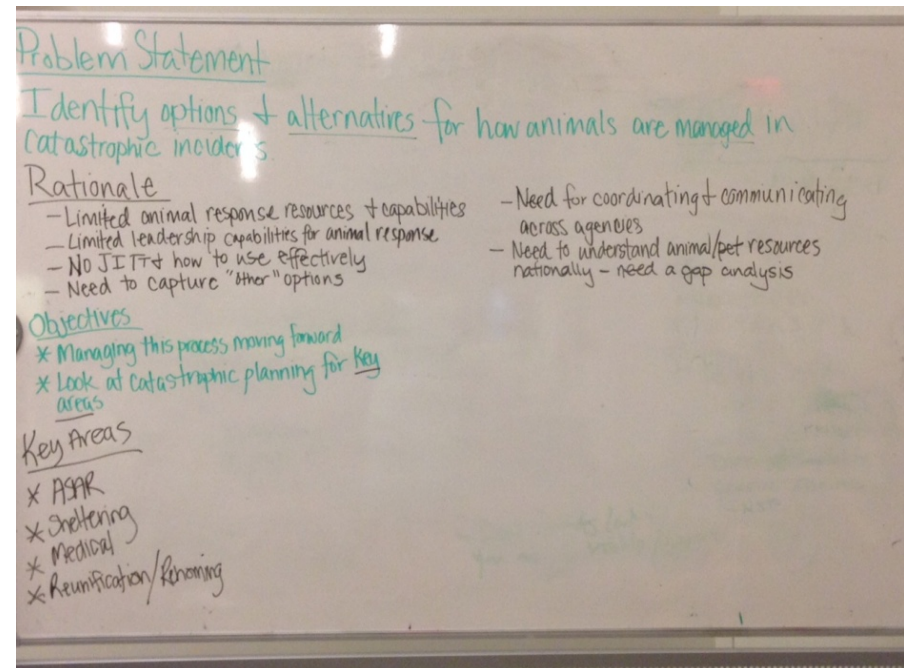


FEMA

“We are woefully ill-prepared to be able to respond to the animal needs in a large-scale event impacting large numbers of animals – we simply don’t have the resources..... And in those parts of the country where we are rich in resources, we don’t have the necessary capabilities to effectively carry out a large-scale, complex operation.”

OTBT

- Co-located or co-habitation sheltering
- Containment areas for aggregate sheltering
- Resources and capabilities
- Resource Integration
- Non-traditional Sheltering!!





More Resources – Enhanced Capabilities

- Resources doesn't necessarily equate to capabilities
- Large pool of responders
- Relevant experience or training
- Availability
- Equipment and Supplies
- Retention



Responders v. Function

- Transitioning from *Animal Care and Handling Specialists* to typed *Shelter Teams*
 - How many animals can they properly care for?
 - Team composition
 - Leadership
 - Equipment
 - Training/Experience
 - Time to arrive
- What do they bring to party?
 - What are the critical functions needed following a disaster?

10 year Hurricane Katrina Commemorative Bootcamp

Slack Water Rescue

Conducting an Assessment

Wildand Fire Interface

Pet First Aid

Animal Decontamination

Large Animal Rescue

Animal Handling

National Forum on Catastrophic Planning

Small /Large Animal Sheltering



What can you do?

- Personal disaster plan
- Include your animals!
- ASPCA.org-disaster preparedness



FIR RESPONDERS

Daily Care

Animal
Medical
Teams

Animal
Handlers

Investigations

Logistics

Safety Officer

Administrative
Support

Technical
Rescue



SIGNING UP AND DEPLOYING WITH FIR



Simple application process to learn about you and match your skills with the best role.

ASPCA Webinars & FEMA Training to prepare you before you deploy

Coordination & Communication

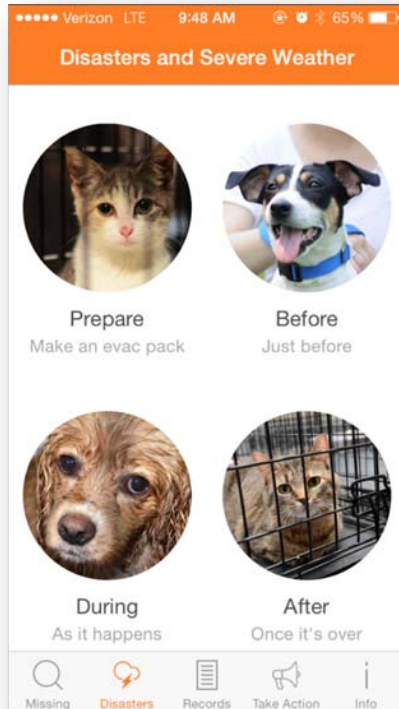
On the ground orientation & training

Support

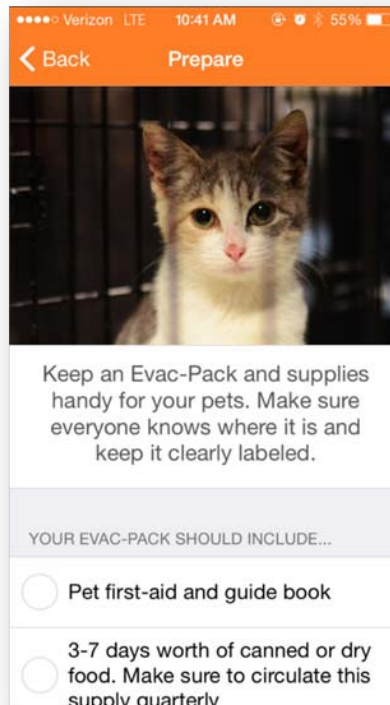


www.aspcapro.org/firvolunteer

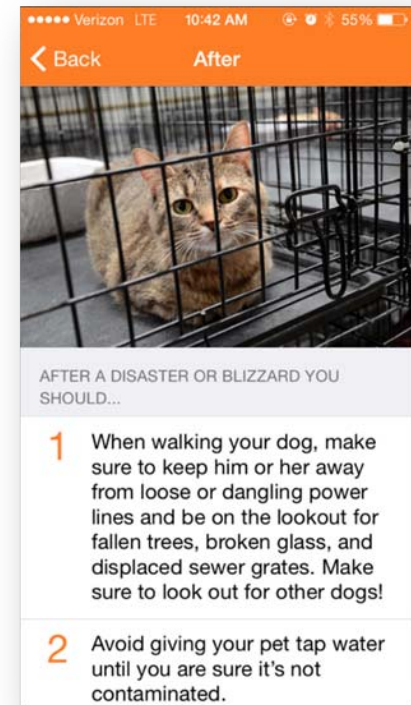
ASPCA Mobile App



What to do for
your pet before,
during, and after a
disaster



Bulleted checklist of
items for preparation



Useful tips to
keep pets safe



What can your community do?

- Pets included in the Emergency Operations Plan
- Pet-friendly shelters
- County Animal Response Team (CART)



Mutual Aid Agreements (MAA)

MAAs help clarify roles and responsibilities before an emergency event

Facilitates the rapid mobilization of personnel, equipment, and supplies.



SC Flooding Oct 15

What can the State do?

- Animals included in their Emergency Operations Plan
- Annex, Appendix, Emergency Support Function
- Coordination with counties
- Coordination with other states



LDAF, Aug 15



Federal Coordination

- FEMA
 - Mass Care
 - US&R
- USDA
 - APHIS AC
 - Vet Services
- HHS
 - NDMS
 - NVRT



Federal, State, and NGO Cooperation



What can the ASPCA do?



Field Investigations and Response Team



The FIR Team partners with animal welfare organizations, law enforcement and emergency management to respond to animal cruelty cases and natural disasters across the United States.

Disasters

- Floods
- Hurricanes
- TORNADOS
- Earthquakes
- Fires
- Disease Outbreaks

Cruelty

- Hoarding
- Puppy Mills
- Animal Fighting
- Farm Animals
- Horses
- Single acts of cruelty

Services and Capabilities



Investigations



Disasters



**Vet Care and
Emergency
Sheltering**



**Partnerships &
Grants**



Training

FIR's 2014 Impact by Numbers

17 Deployments

2 disaster
14 cruelty
1 transport/placement

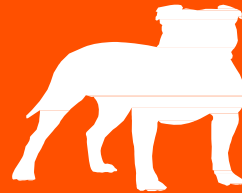


71 Investigations



55 Consultations

156 Criminal
Charges Filed



91 Trainings
provided, impacting
8,263 attendees

14,365 animals impacted
(animals rescued + animals
assisted)



9,209 Animals assisted
(consultations + investigations)

5,156 Animals Rescued



National Animal Rescue and Sheltering Coalition



NATIONAL ANIMAL
CARE & CONTROL ASSOCIATION



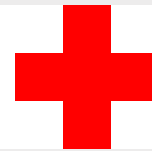
Best Friends
ANIMAL SOCIETY



IFAW
www.ifaw.org

**American
Humane
Association™**

The nation's voice for the
protection of children & animals™



**American
Red Cross**



A lifelong, loving home for every pet



Petfinder.com
FOUNDATION





ASPCA[®]

ASPCA.ORG

WE ARE THEIR VOICE[®]

Animal Cruelty Investigations • Disaster Response

The Joanne Bernard Foundation
The John T. and Jane A. Winkler Foundation

ASPCA[®]
WE ARE THEIR VOICE[®]

Animal Cruelty Investigations
Disaster Response

545 BPG



La Boit
Inc.

ASPCA

Mobile Animal Hospital

ASPCA.ORG



ASPCA
WE ARE THEIR VOICE



Bootcamp Aug 2015

2015 ASPCA Capabilities Project

- Develop a survey of local, state, and national resources and capabilities
- Develop a Community Assessment Tool for determining level of readiness
- In priority communities, perform a Needs Assessment
- Facilitate a 1-2 year Improvement Plan



NCARE Survey

National Capabilities for Animal Response in Emergencies

- Better understanding of state and county resources and capabilities;
- Level of nationwide preparedness; and
- Identify counties, states, or regions that would benefit from ASPCA support.







October 5, 2015 – survey launched

- Sent to state emergency management directors of 10 states

October 7, 2015

- Sent to state emergency management directors in remaining 40 states

October 19, 2015

- Sent to county emergency management directors in 10 Midwestern states

End of October

- Sent to county EM directors in remaining 40 states

Community Preparedness Checklist

An animal-specific Preparedness Checklist identifying all of the components we recognize as being critical for a community to be *disaster resilient*.

As part of the NCARE survey, we ask respondents if they want help building animal response capability.

In strategic areas, we will meet with EM and animal welfare groups to identify strengths and weaknesses and to build an improvement plan.

Thank you

