

American Planning Association

Sandy Recovery Workshops: Mitigation and Climate Adaptation

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Mitigation in the Disaster Cycle

Figure 1-7. Phases of Emergency Management:
The Disaster Life Cycle



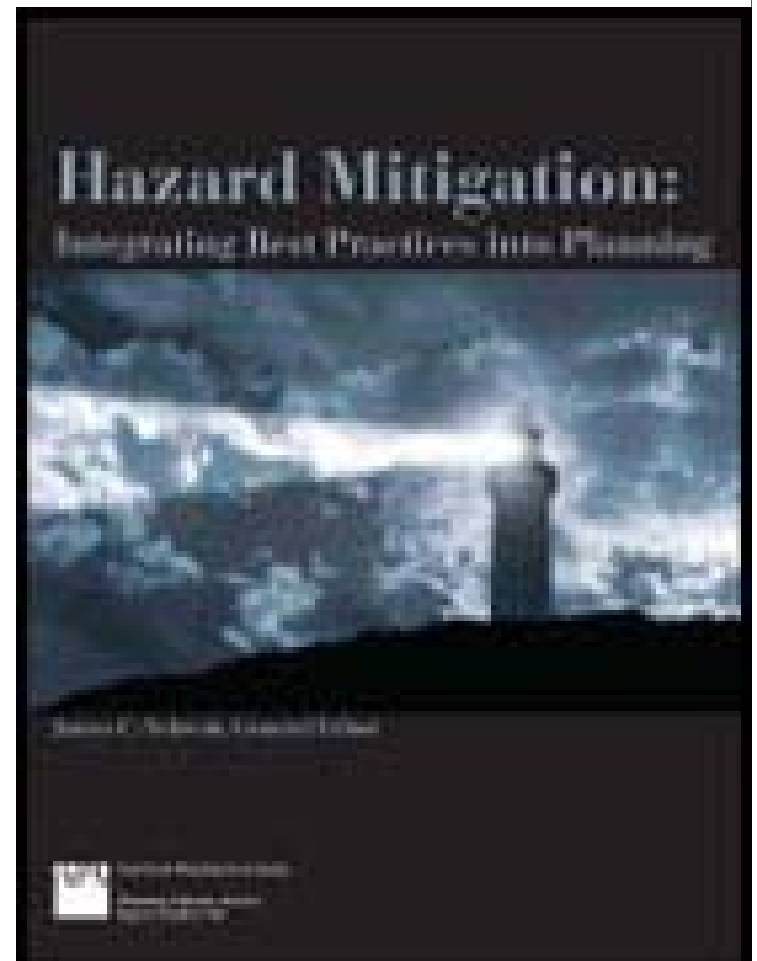
Source: Cecelia Rosenberg, FEMA; designed by Lisa Bartoo, APA

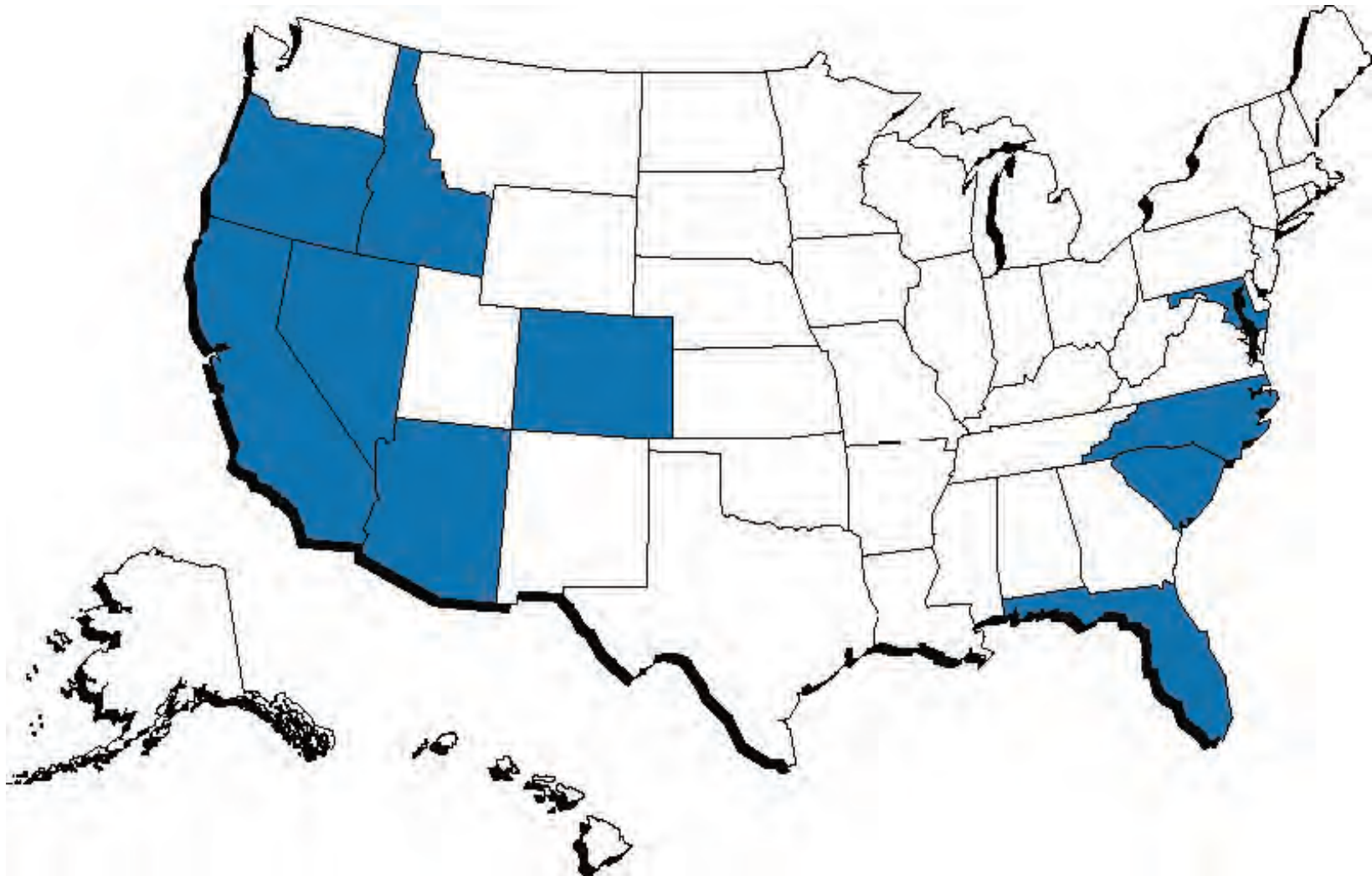
But it matters when the money is available

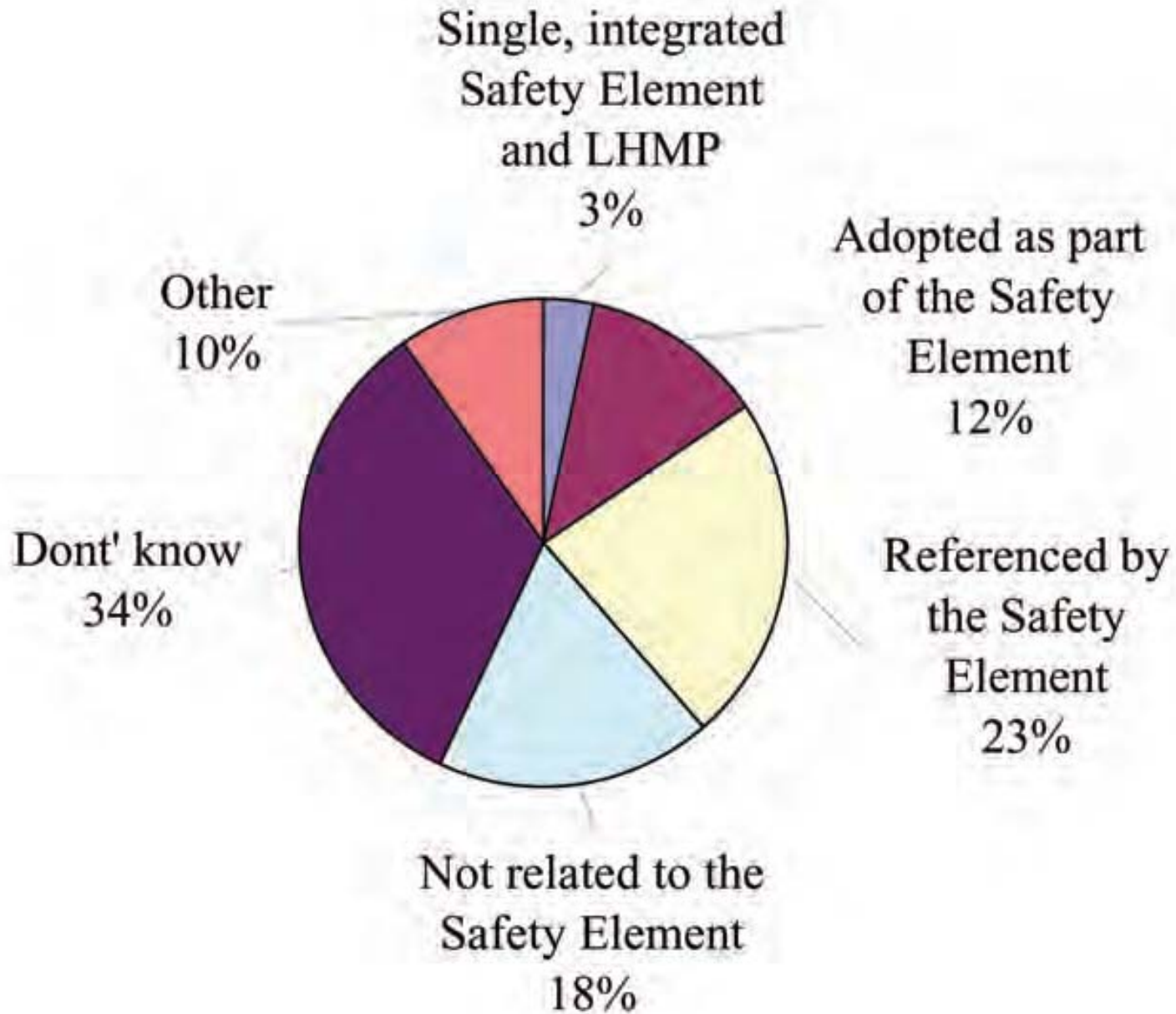
- Pre-disaster:
 - Pre-Disaster Mitigation (competitive grants)
 - Flood Mitigation Assistance (flood-related)
 - Severe and Repetitive Loss (flood-related)
- Post-Disaster
 - Hazard Mitigation Grant Program (percentage of overall disaster assistance with component for planning; FEMA)
 - Community Development Block Grants (HUD)
 - NFIP insurance (to property owners; FEMA)
- How do you best prepare for your opportunities?

How about integrating plans?

- Hazard mitigation planning: Not just for emergency managers, anymore
- Give it the force of law: Put it in the comprehensive plan
- Hazards element, anyone?
- APA's Safe Growth Audit
- Follow the money: Hazards in the Capital Improvements Program
- Think linkages







Finding Money for Mitigation

- Storm Water Utility (see next slide)
- State Fee Alternatives
- State & Federal Grants/Programs
- Public/Private Partnerships
- Local Impact Fees

Storm Water Utility

Benefits

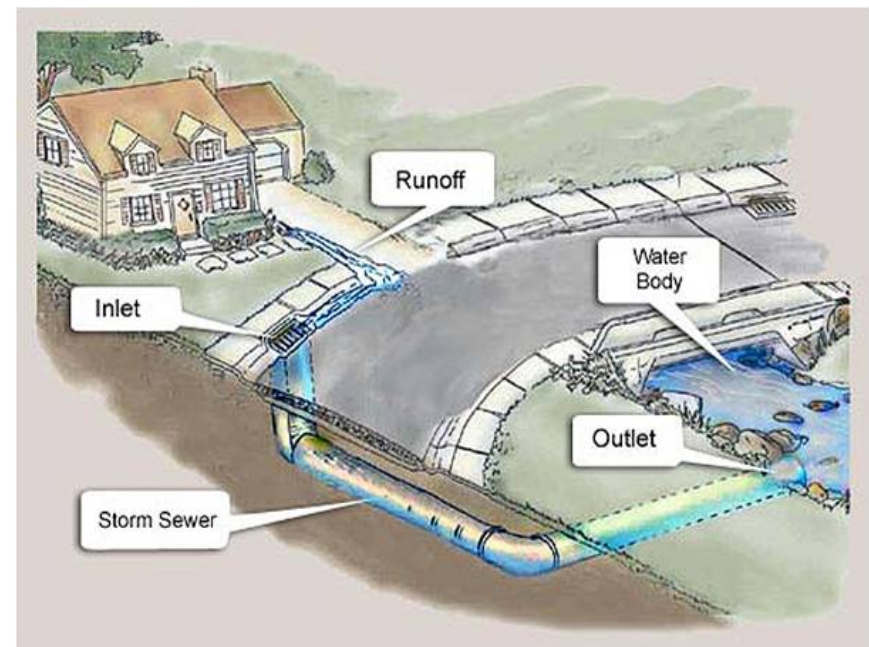
Stable funding

“User fee” tied to
impact

Removed from
tax debate

Eliminates “competing” against
other community needs

INCREASES FLOOD RESILIENCY



Recovery Plans: Before & After

"The aftermath of one disaster is the prelude to the next one." *Planning for Post-Disaster Recovery and Reconstruction* (PAS Report No. 483/484, 1998)

- Building a culture of preparedness is a 24/7 job: Ask Roseville, California



Goats in your neighborhood...

Who: 450 hungry goats
When: Beginning the first week of August, 2007
Where: In the open space on the south side of Dry Creek from Harding Boulevard to James Drive.
Why: Safer and healthier open space for surrounding residents.
Details on the reverse...

Adapting to climate change: Mitigation gets a little tougher

The challenges:

- Simple extrapolation from the past into the future is no longer sufficient
- Uncertain projections vs. built environment that lasts 50-100 years
- Difficulty of adjusting billions of \$ in sunk investment to reflect new realities
- Opposition from climate change skeptics and entrenched interests
- Moving forward: Norfolk, Virginia
 - Video: <http://www.pbs.org/wnet/need-to-know/environment/video-climate-change-at-the-doorstep-in-norfolk/>

For further information:

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