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DRU: Building Networks, Partnerships, and Resources

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Building Networks, Partnerships, & Resources

Disasters Resilient Universities

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A **resilient university** is one that is still able to achieve its core objectives in the face of adversity.

This means not only reducing the size and frequency of crises (**vulnerability**) but also improving the ability and speed of the organization to manage crises effectively (**adaptive capacity**)...
To effectively manage crises, organizations also need to recognize and evolve in response to the complex system within which the organization operates (situation awareness) and to seek out new opportunities even in times of crisis.”

Source: Building Organizational Resilience: A summary of Key Research Findings, Resilient Organizations Program, New Zealand 2006
Understanding Resilience

1. Initial Condition of the Community
2. Extreme Event
3. Absorb Shock
4. Disaster Threshold
5. Recovery Time
6. Learn From Experience

Time

High Resilience
Low Resilience
No Resilience
The history of the Disaster Resilient Universities (DRU) Concept

- FEMA’s Disaster Resistant Universities (DRU) Pilot Program
  - 2000: Initial 6 campuses were awarded funding
  - 2005: last year of DRU grant funding

- Fall of 2005, a small number of DRU campuses decided to move the initiative forward
  - 2005: 35 members
  - 2013: 910 members
What is the DRU network?

Mission:
- Is to facilitate open communication, discussion, and resource sharing between university/college practitioners charged with making our campuses more disaster resilient.

Goal:
- Is to provide a simple resource that can increase communication, coordination, and collaboration between universities.
Three C’s: A Continuum of Relationships

COMMUNICATION
- Informal Relationships
- Information shared only
- No clearly defined mission, structure, or planning effort
- Resources kept separate
- Autonomous authority retained
- Virtually no risk

COORDINATION
- More formalized Relationships
- Understanding of shared mission
- Coordination occurs around a specific effort or program
- Open communication channels between organizations
- Resources are made available to participate
- Rewards are shared
- Risk increases

COLLABORATION
- More durable relationships
- Separate organizations are brought into a new structure
- Share vision and mission
- Comprehensive planning required
- Well-defined communication on all levels
- Each member contributes resources and reputation
- Collaborative structure determines authority
- Partners pool or jointly secure resources
- Results and rewards are shared
- Risks are much greater
Why is the DRU Network unique?

Peer-to-Peer network
- It is not owned by any one profession, organization, or entity...

Provides a common ground
- Campus Safety, Health, and Environmental Management Association (CSHEMA)
- International Association Campus Law Enforcement Association (IACLEA)
- International Association of Emergency Managers - Universities & College Caucus (IAEM-UCC)
- International Association Police Chiefs - Universities & College Section (IAPC-UCS)
- University Risk Management & Insurance Association (URMIA)
- And others...
2007, the International Association of Emergency Managers - Universities & College Caucus (IAEM-UCC) was formed

- IAEM-UCC established a strong collaborative partnership with the DRU Network

2007-2013, the partnership has lead to a number of products and resources
DRU – UCC Products & Resources

- DRU Listserv
- DRU Community of Practice Repository
- Annual workshops – both national & regional
- Webinar series
- Practitioner-based training and course development
- Standards & resilience crosswalk tool
Emergency Management Accreditation Program (EMAP) for Institutions of Higher Education

University Incident Management Teams (IMT)

Incident tracking and mutual aid

Partnership development (e.g. federal agencies, professional associations, academic programs/research, etc.)
The EMAP Standard

The *Emergency Management Standard* by EMAP is the set of 64 standards by which programs that apply for EMAP accreditation are evaluated. The *Emergency Management Standard* is designed as a tool for continuous improvement as part of the voluntary accreditation process for local and state emergency management program.

The Emergency Management Standard is now available online.

The *Emergency Management Standard* covers:

- Program Management
- Administration and Finance
- Laws and Authorities
- Hazard Identification, Risk Assessment and Consequence Analysis
- Hazard Mitigation
- Prevention
- Operational Planning
- Incident Management
- Resource Management and Logistics
- Mutual Aid
- Communications and Warning
Two examples

- 2009 H1N1
  - Impact Map

- 2012 Hurricane Sandy
  - Closure Data
  - Virtual DRU Emergency Coordination Center
Beta DRU Data Collection Tool

DRU Status Map
Helping DRU Members support each other during incidents. **THIS MAP IS CURRENTLY EXPERIMENTAL**

BETA - This is a test site for DRU members and their institutions status updates during incidents.

Filter Reports By  Layers  How to Report

Scale = 1 : 28M  -137.07388, 49.00437

United States

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Beta DRU Data Collection Tool

DRU Status Map
Helping DRU Members support each other during incidents. **THIS MAP IS CURRENTLY EXPERIMENTAL**

BETA - This is a test site for DRU members and their institutions status updates during incidents.

Test: Classes canceled due to sunshine
More information
Zoom In | Zoom Out
DRU Status Map

Showing Reports From Mar 17, 2013 to Mar 18, 2013

- **Test: Missing Puppy**
  - Missing Puppy
  - Date: 01:55 Mar 18, 2013

- **Santa Clara University**
  - All operations normal.
  - Date: 01:16 Mar 18, 2013

- **TEST: Classes canceled due to sunshine**
  - We have canceled classes due to this weird appearance of a bright glowing yellowish object in the sky.
  - Date: 01:15 Mar 18, 2013

- **UW Med School**
  - There's a winter storm coming. Planning for school closure and coverage of staff.
  - Date: 23:23 Mar 17, 2013

- **TEST - University of Washington**
  - TEST TEST TEST - University main campus is closed due to the sunshine shining, TEST TEST TEST.
  - Date: 22:53 Mar 17, 2013

Filter Reports By:
- **Category**
  - All Categories: 5
  - Open: 2
  - Closed: 3
  - Modified: 0

Locations, Type, Media, Verification, Custom Fields:
- Clear

Reset all filters

This map is currently experimental.
Beyond Data: Mutual-Aid

- DRU Network & Emergency Management Assistance Compact (EMAC) Project
  - Est. clear channels for mutual-aid requests
  - Assist in identifying and locating resources
DRU Virtual Emergency Coordination Center Concept

- Impact Data collection
- Resource Identification
- Mutual-Aid assistance
- Technical Assistances
- Incident Management Team (IMT) Resources
Discussion & Next Steps