DRU: Building Networks, Partnerships, and Resources

Andre Le Duc
University of Oregon & Universities and Colleges Caucus of IAEM

Follow this and additional works at: https://scholarworks.uno.edu/dru2013

Recommended Citation

This Presentation is brought to you for free and open access by the Conferences and Workshops at ScholarWorks@UNO. It has been accepted for inclusion in DRU Workshop 2013 Presentations – Disaster Resistant University Workshop: Linking Mitigation and Resilience by an authorized administrator of ScholarWorks@UNO. For more information, please contact scholarworks@uno.edu.
Building Networks, Partnerships, & Resources

Disasters Resilient Universities

André Le Duc

Disaster Resilient Universities Network Administrator
IAEM-Universities & College Caucus Chairperson
University of Oregon Enterprise Risk Services
Executive Director
What is a Resilient University?

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
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
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 programs.

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
DRU & Crisis Commons Partnership

CrisisCommons

Connecting people, tools, & resources to support crisis response

We connect people to help those in need

Learn more about CrisisCommons

Our story

CrisisCamp began as an idea for an event to bring together people...

Volunteer

Welcome to our community! If you would like to join contact and/or...

Follow what we're up to!

If you're interested in keeping up with CrisisCommons, please follow us on Twitter, Facebook and subscribe to our blog through the links below:

Ushahidi

Map anything.

Crowdmap

A new Crowdmap experience. Request an invite to join the beta.

What is the Ushahidi Platform

We built the Ushahidi platform as a tool to easily crowdsource information using multiple channels, including SMS, email, Twitter and the web.

Manage the River of Information

SwifRiver is an open source platform that aims to democratize access to tools for filtering & making sense of real-time information.

Crowdsourcing In "the cloud"

When you need to get the Ushahidi platform up in 2 minutes to crowsource information, Crowdmap will do it for you. It's our hosted version of the Ushahidi platform.

It was just really fascinating to see how quickly the public picked up the technology and was able to embrace it. They really were dying to have an avenue to express their views.

In the news

CrisisCamp's goal is to gather topic experts, app developers and emergency first responders to create better technology and practices for crisis management and disaster relief.

"It was just really fascinating to see how quickly the public picked up the technology and was able to embrace it. They really were dying to have an avenue to express their views."
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  

United States

500 km

Scale = 1 : 25M  -137.07358, 49.05437

FloridiMap data ©2013 Google, INEGI, MapLink.  Terms of Use

POWERED BY THE Ushahidi PLATFORM
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
Impact Data collection
Resource Identification
Mutual-Aid assistance
Technical Assistsances
Incident Management Team (IMT) Resources
Discussion & Next Steps