



# Catalyzing Community Efforts for Disaster Reporting, Response and Recovery

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Founding Director (1983-2000), Human-Computer Interaction Lab  
Department of Computer Science &  
Institute for Advanced Computer Studies



UNIVERSITY OF  
MARYLAND



Interdisciplinary research community

- Computer Science & Info Studies
- Psych, Socio, Poli Sci & MITH

([www.cs.umd.edu/hcil](http://www.cs.umd.edu/hcil))



# Design Issues

- Input devices & strategies
  - Keyboards, pointing devices, voice
  - Direct manipulation
  - Menus, forms, commands
- Output devices & formats
  - Screens, windows, color, sound
  - Text, tables, graphics
  - Instructions, messages, help
- Collaboration & communities
- Manuals, tutorials, training



[www.awl.com/DTUI](http://www.awl.com/DTUI)

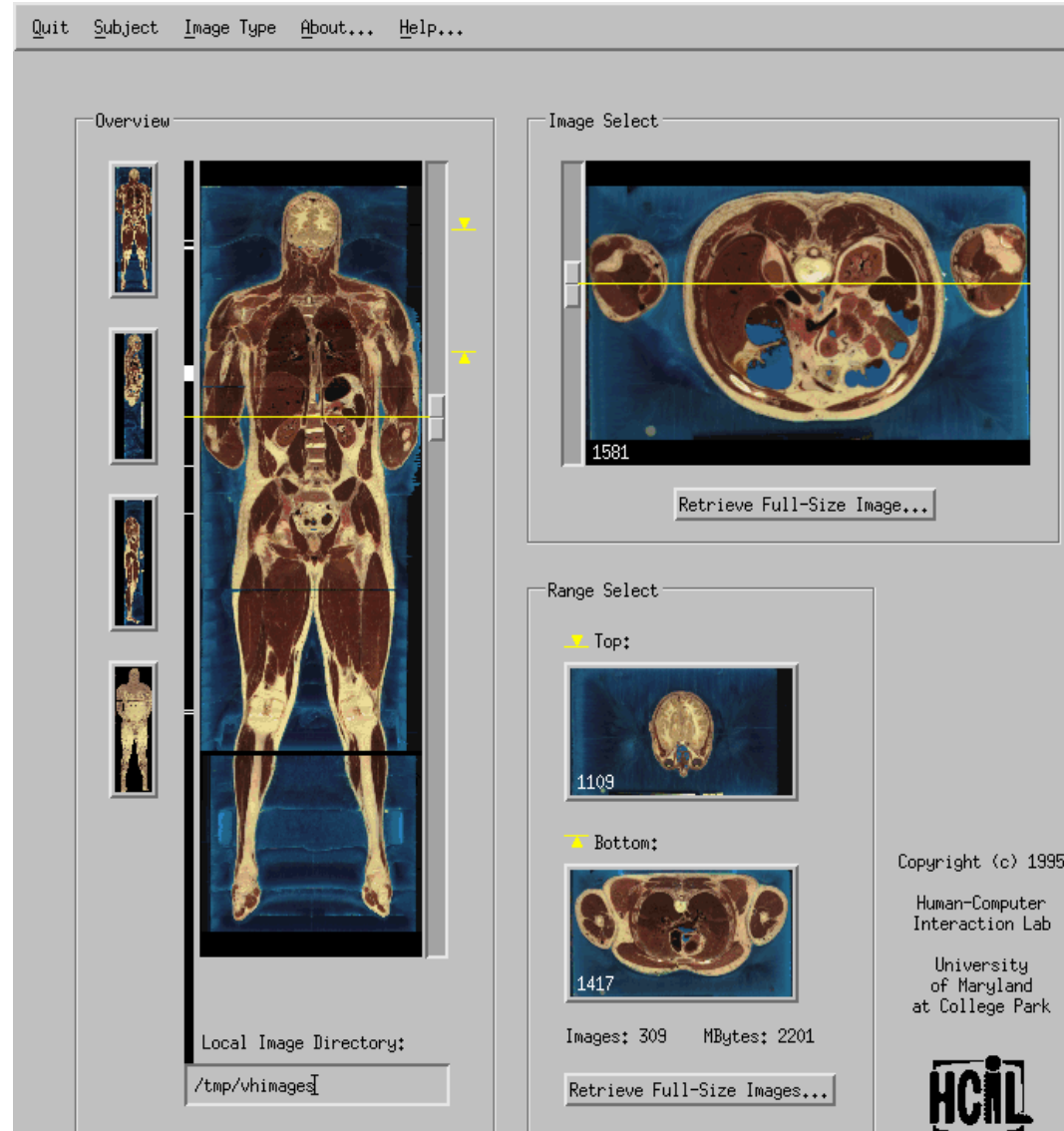
# U.S. Library of Congress



- Scholars, Journalists, Citizens
- Teachers, Students

# Visible Human Explorer (NLM)

- Doctors
- Surgeons
- Researchers
- Students



# NASA Environmental Data

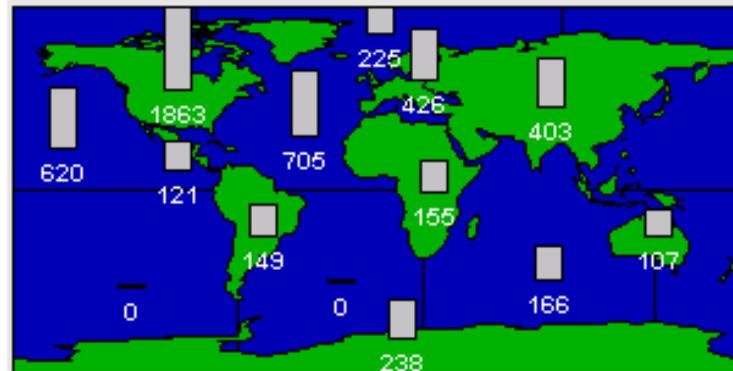
- Scientists
- Farmers
- Land planners
- Students



## Global Change Master Directory

Query Preview

### Area Selection:



Select attributes of in  
by clicking on map and

### Topic Selection:

Atmosphere	2151
Biosphere	1083
Cryosphere	313
Human Dimensions	595
Hydrosphere	643
Land Surface	802
Oceans	1321
Paleoclimate	120
Radiance Or Imagery	738
Solar Physics	113
Solid Earth	429
Not Specified	0

### Year Selection:

Prehistoric	0
0001 - 1699	21
1700 - 1799	51
1800 - 1849	91
1850 - 1899	283
1900 - 1929	409
1930 - 1939	415
1940 - 1949	498
1950 - 1959	711
1960 - 1969	978
1970 - 1979	1649
1980 - 1989	2445
1990 - 1999	2391
Not Specified	644

# NSF Digital Government Initiative

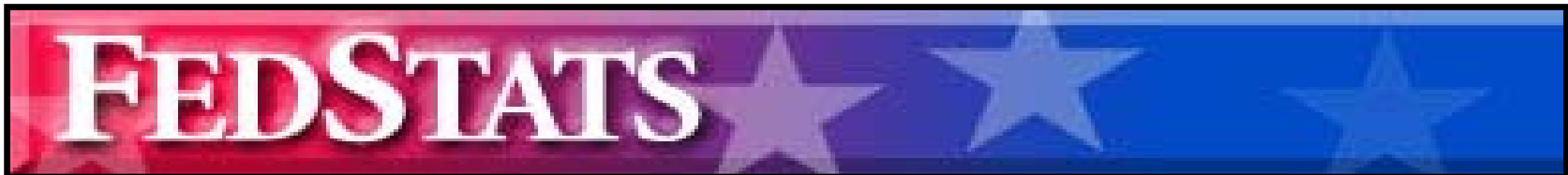


Census,  
NCHS,  
BLS, EIA,  
NASS, SSA

- Find what you need
- Understand what you Find

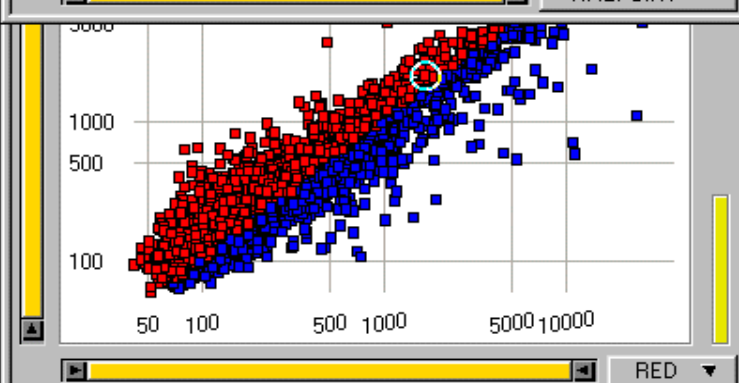
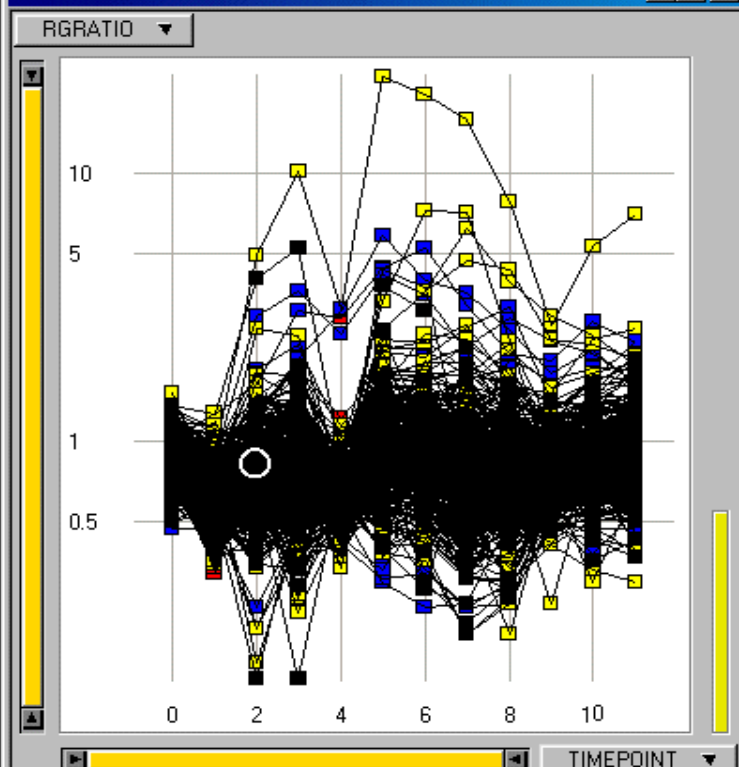


[www.ils.unc.edu/govstat/](http://www.ils.unc.edu/govstat/)

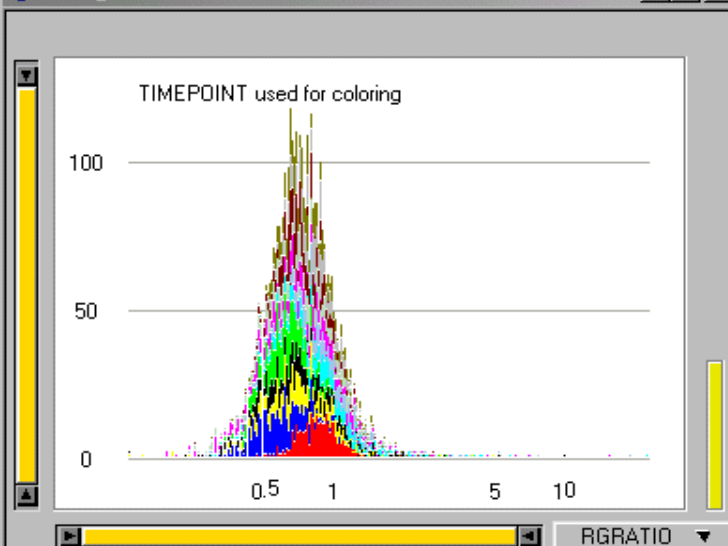




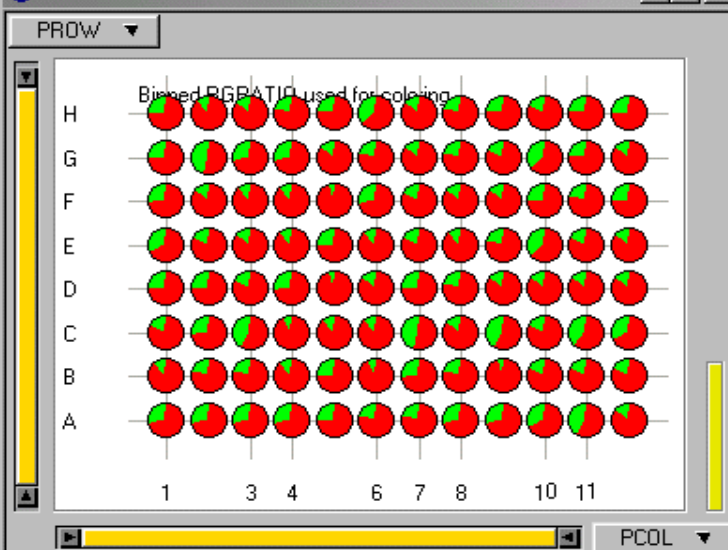
Scatter Plot



Histogram



Pie Chart



RED 42 38938

RGRAT 0.13 23

REGR -1.48 10.17

CORR -0.64 1

AROW

ACOL 1 51

PLAT

14

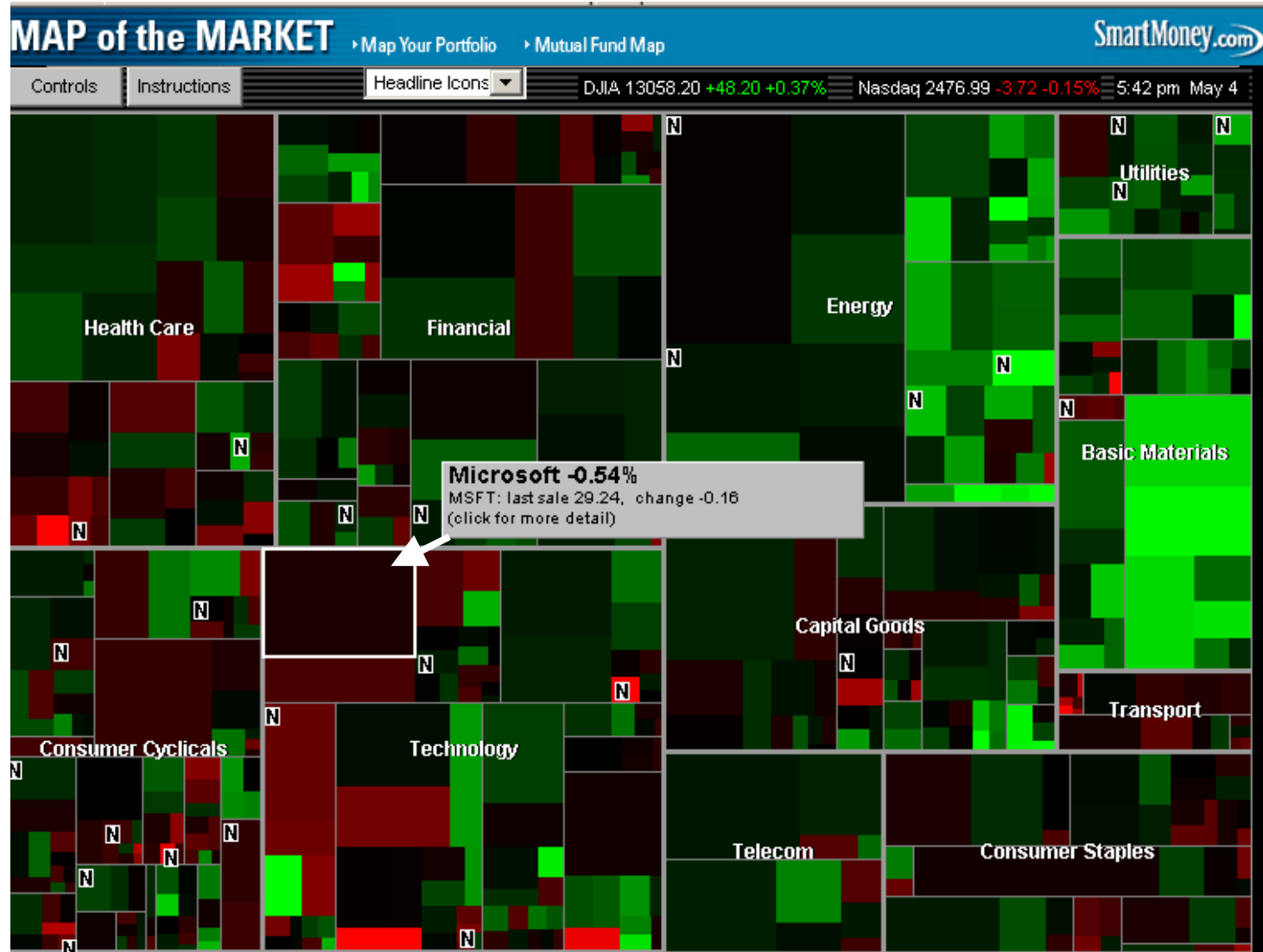
15

16

TIMEPOINT	2
DESCRIPTION	ESTs
TYPE	cDNA
GENENAME	R71468
GREEN	2089
RED	1706
RGRATIO	0.82
REGR	1.28
CORR	0.95
AROW	8
ACOL	41
PLAT	15
PROW	E
PCOL	4



# Treemap: Smartmoney MarketMap



[www.smartmoney.com/marketmap](http://www.smartmoney.com/marketmap)

# International Children's Digital Library



## INTERNATIONAL CHILDREN'S DIGITAL LIBRARY

A Library for the World's Children

[Read books!](#)

[About us](#)

[Sponsors](#)

[How to contribute](#)

[Need help?](#)

### QUICK LINKS

[myICDL Account](#)

• [Register / Sign in](#)

• [Select language](#)

For first-time visitors

• [Mission & summary](#)

• [General FAQ](#)

For returning visitors

• [Recently added books](#)

For book contributors

• [Contribute books](#)

• [Policies and statements](#)

• [Scanning instructions](#)

For researchers

• [Fast facts](#)

• [Papers](#)

• [Presentations](#)

For volunteers

• [ICDL Ambassadors](#)

• [Translators](#)



Simple search



Location search

### Our Mission

We are a library that provides free access to children's books from around the world. By ensuring access to books from many cultures and in diverse languages, we foster a love of reading, a readiness to learn, and a response to the challenges of world illiteracy.

We invite you to [explore our growing library](#) and learn how you can [contribute to our efforts](#).

### FEATURED BOOKS

Colorful illustrations with Jeanette Marin

May 8, 2006 Selected by Jeanette Marin, a student at the University of Maryland. Jeanette has three daughters



### Simple Search

[Home](#) > [Read books!](#) > Simple Search



Three to Five



Six to Nine



Ten to Thirteen



Make Believe Books



True Books



Rainbow Covers



Red Covers



Orange Covers



Yellow Covers



Green Covers

French = 16 books



[Aliou and Jean](#)

French



[The amazing adventures of...](#)

French



[The baby's doll](#)

French



[A big little girl](#)

French



[Collection of 150 prints o...](#)

French



[I'll be a stuntman!](#)

French



Short Books



Medium Books



Long Books



Recently Added Books



Award Winning Books

Keywords  in  English



[www.childrenslibrary.org](http://www.childrenslibrary.org)

Integrate Internet and mobile technologies:

- Residents report information
- Professionals disseminate instructions
- Resident-to-Resident assistance

Professionals in control  
while working with empowered residents



# 911.Gov Community Response Grid



Register  
**Report**  
Request  
Respond

History

Discuss

Events

Training

Privacy

About

Contact

Text size



español

Your household: 4321 Maple Ave, College Park, MD 20742

is registered with:

Maple Condo Assn,  
CP Parent-Teachers Assn

Update Registration

## Report emergencies & add information

### Major Accidents:

Vehicle, Equipment,  
Building collapse...

### Weather:

Tornado, Flood,  
Extreme heat/cold, ...

### Medical:

Influenza, Air quality,  
Food poisoning...

### Threats:

Biological, Chemical  
Nuclear, Radiation...

Other...

Requests for assistance  
from your neighbors:

View requests

## Your neighborhood now



Current Situation

## Guidelines

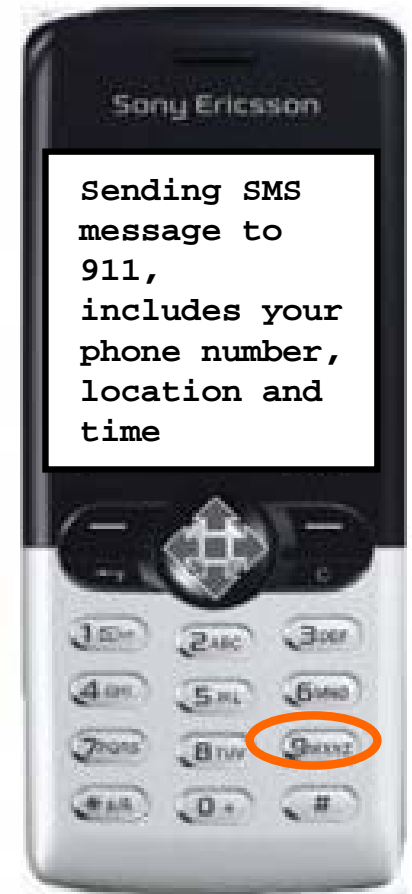
Dial 911 for local response to accidents,  
crimes & personal health emergencies  
Clarify location to guide responders  
Remain available to provide  
information & offer assistance  
Planning for an emergency

## News

Iowans offer housing to fire evacuees  
Librarians coordinate relief assistance  
after hurricane in Florida  
E.coli alert for lettuce nationwide  
Univ. of Colorado students help emergency  
crews rescue drivers in snow, more...

# Potential Advantages of CRGs

- Interoperability & scalability
- Survivability thru multiple communication channels
- Universal usability
- Trust based on social networks established before emergency
- Highly localized information



Philip Fei Wu ([fwu@umd.edu](mailto:fwu@umd.edu)), Jenny Preece, Yan Qu

Jen Golbeck, Ken Fleischmann, Paul T. Jaeger

# How to motivate participation?

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- Reporting
- Response
- Recovery

# How to motivate participation?

- Reporting
- Response
- Recovery

What could we do on the UMd campus?

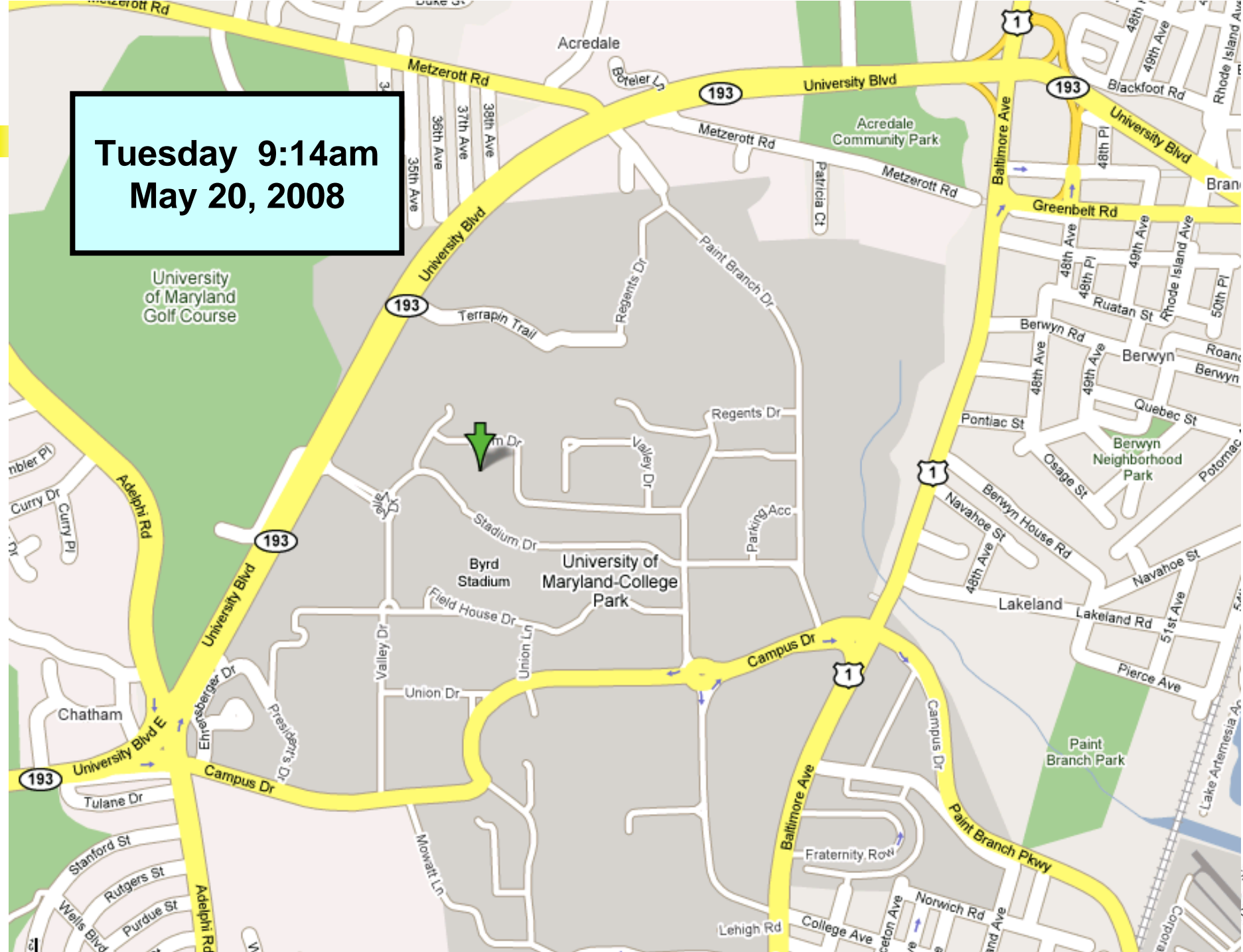
# 1) Research Testbed

Design, implement, & evaluate:

- Technology alternatives: web & mobile
- Integration into existing emergency response
- Determinants of social participation
- Universal usability
- Resistance to attacks & rumors
- Scalability, survivability & privacy



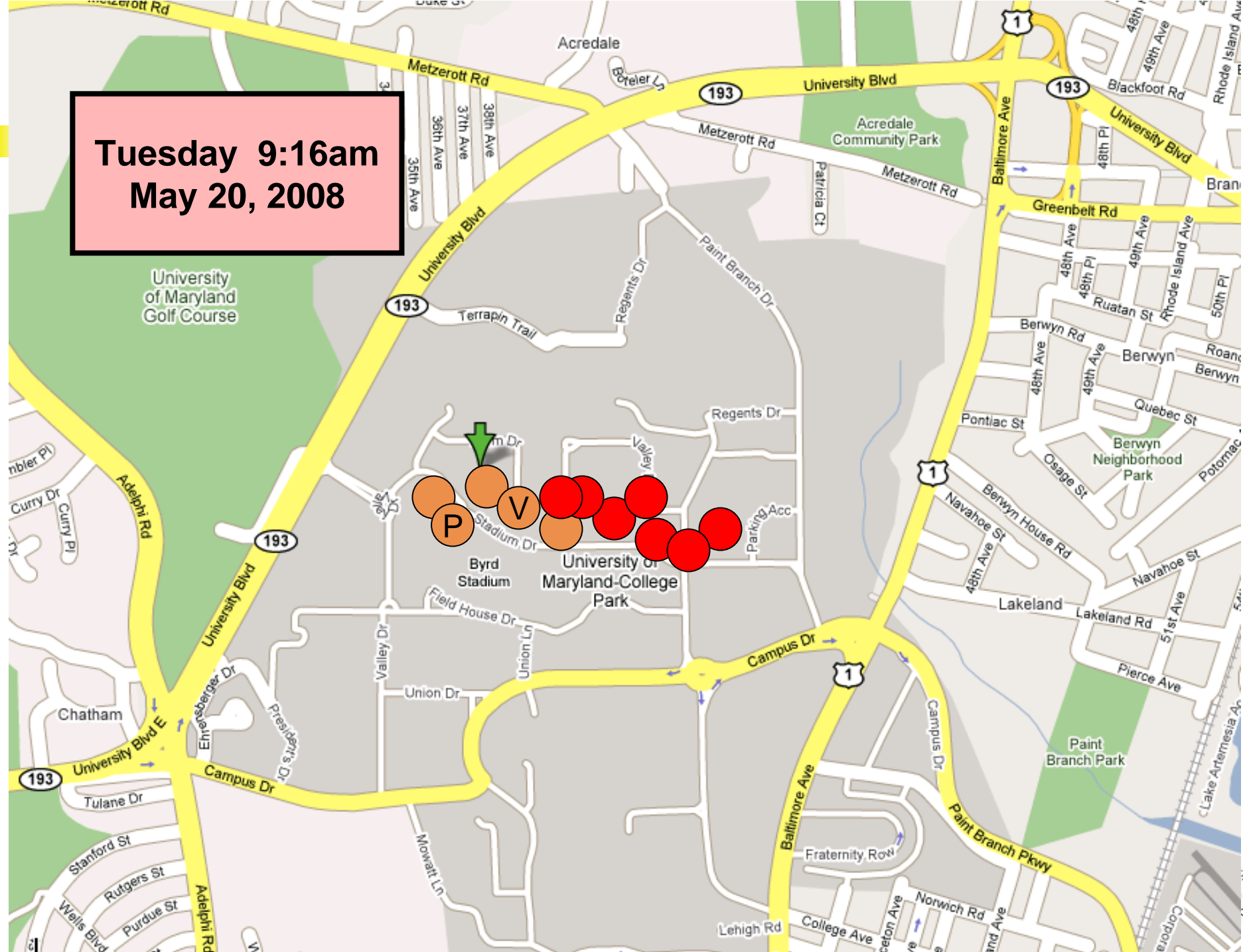
**Tuesday 9:14am  
May 20, 2008**



**Tuesday 9:15am  
May 20, 2008**

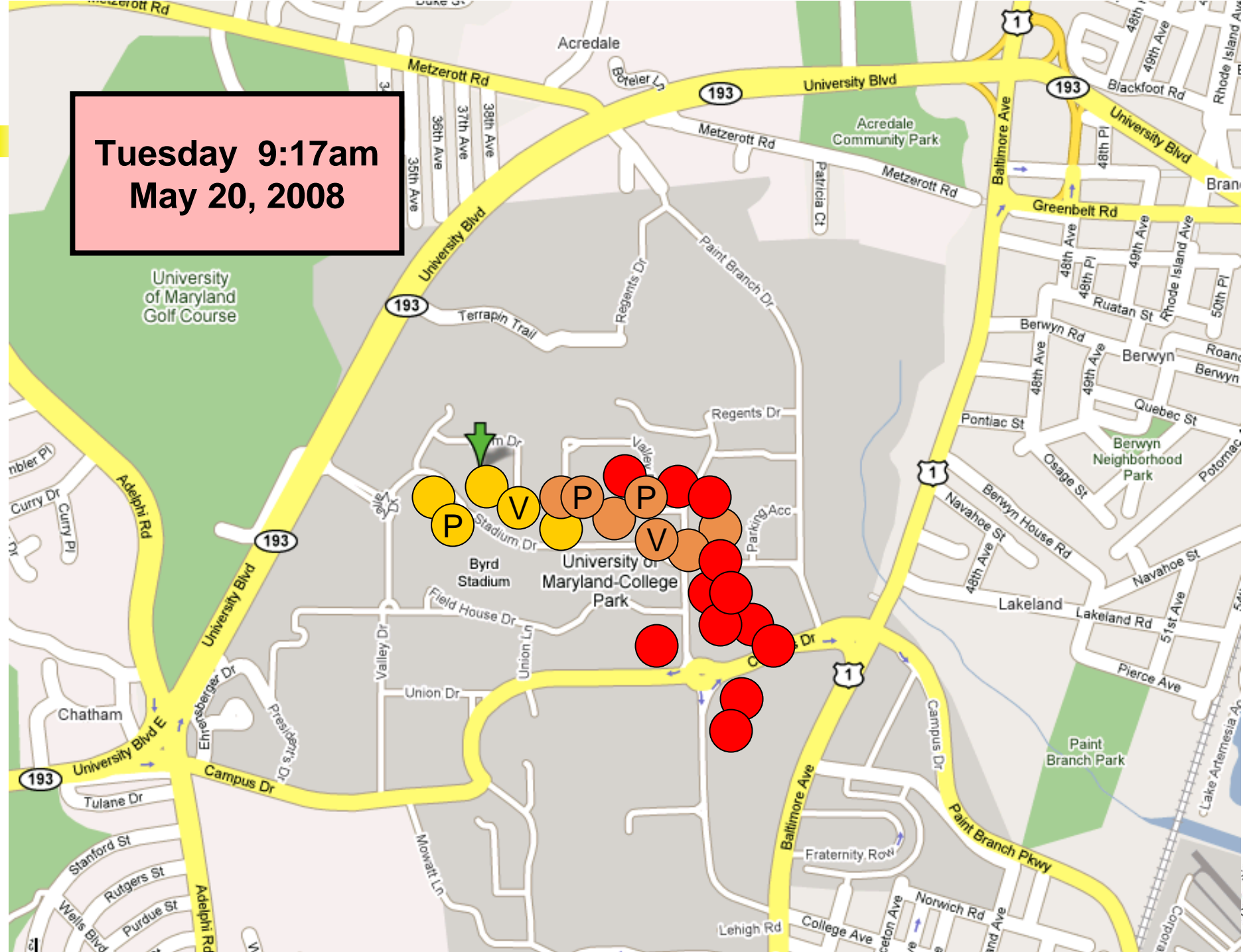


**Tuesday 9:16am  
May 20, 2008**

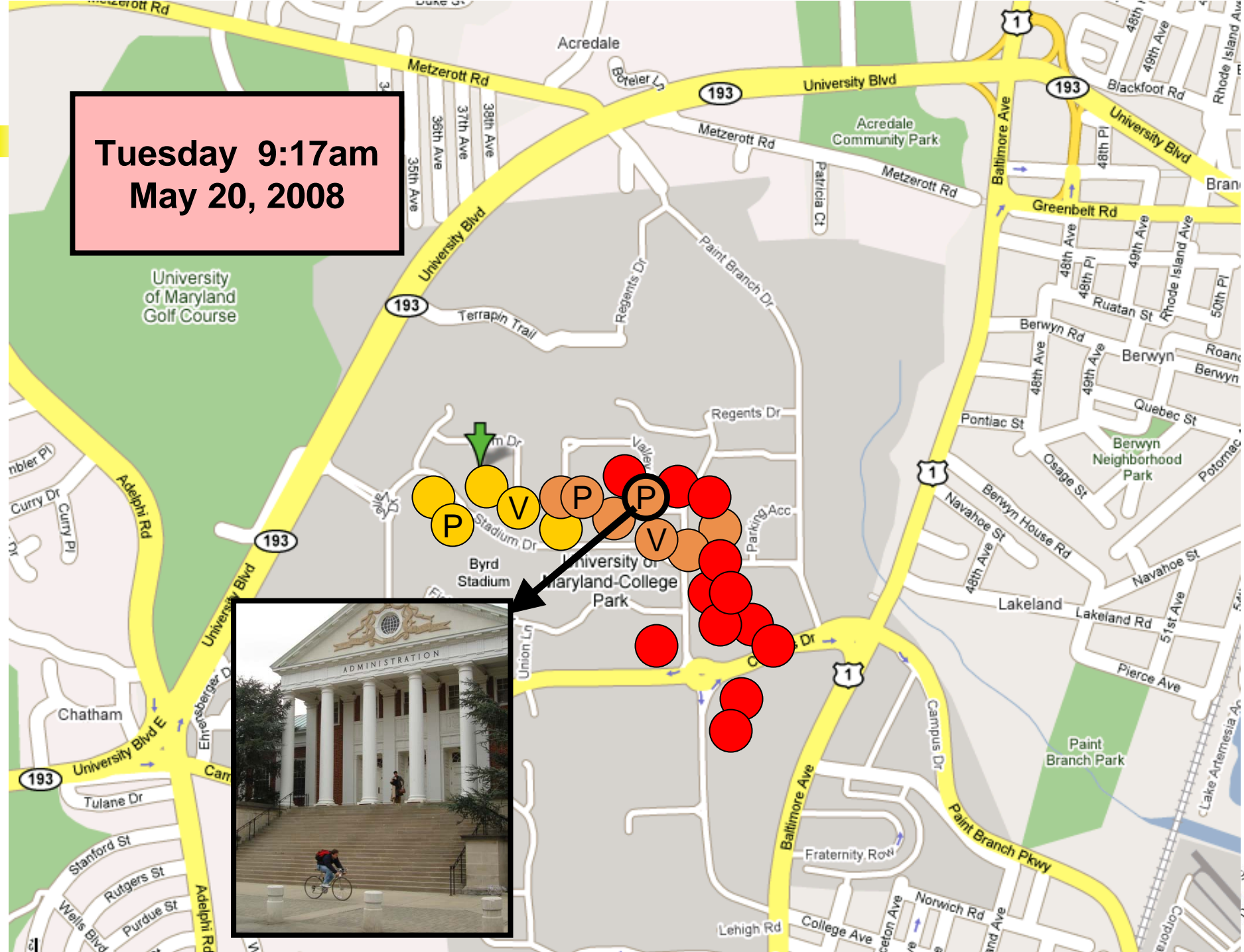




**Tuesday 9:17am  
May 20, 2008**



**Tuesday 9:17am  
May 20, 2008**




## 2) UM Survey of Emergency Communications

113 Grad Students, Faculty, Staff...

- Only 64% use text messaging
- SMS concerns: Cost, spam, usability
- Focus groups are being conducted
- Study of undergrads is underway

### 3) Alerts.umd.edu

- Web-based registration, cellphone alerts
- Monthly test messages
- One alert:  
car jacking
- Issue:  
Motivating  
registration



The screenshot displays the UMD Alerts website. At the top is a yellow banner with the University of Maryland logo and name. Below this, the page is divided into two main sections. The left section, titled 'USER LOGIN', contains input fields for 'email address' and 'password', a 'Log in' button, and a link for 'Lost password?'. Below the login fields is a note stating that login and password are different from other UMD systems. A vertical column of red buttons with white text provides navigation: 'NEW USER REGISTRATION', 'LATEST ALERTS', 'LEARN MORE ABOUT ALERTS', 'FAQ ABOUT MY ALERTS', 'MY ALERT SUPPORT', and 'TERMS OF SERVICE'. The right section features the 'UMD ALERTS' logo, where 'UMD' is in black and 'ALERTS' is in red. Below the logo, it states the system is administered by the Department of Public Safety. A paragraph describes UMD Alerts as an emergency notification system. A bulleted list specifies notification methods: E-mail (school, personal, other), Cell phone, Pager, and BlackBerry/Treo. A red button labeled 'Click Here to Register' is prominently displayed. At the bottom, a text block explains that emergency notifications are sent via UMD Alerts and provides instructions for new users to register via text message to the number 411911 using the keyword 'UMD', with a link to the SMS Terms of Use.

**UNIVERSITY OF MARYLAND**

**USER LOGIN**

email address

password

[Log in](#) [Lost password?](#)

Note: Login and password are different from other UMD systems.

[NEW USER REGISTRATION](#)

[LATEST ALERTS](#)

[LEARN MORE ABOUT ALERTS](#)

[FAQ ABOUT MY ALERTS](#)

[MY ALERT SUPPORT](#)

[TERMS OF SERVICE](#)

**UMD ALERTS**

System is administered by the  
Department of Public Safety

UMD Alerts is an alert system that allows the University of Maryland to contact you during an emergency by sending text messages to your:

- E-mail (school, personal, other)
- Cell phone
- Pager
- BlackBerry/Treo

[Click Here to Register](#)

When an emergency occurs, authorized senders will instantly notify you using UMD Alerts. UMD Alerts is your personal connection to real-time updates, instructions on where to go, what to do, or what not to do, who to contact and other important information.

New users may also register by sending a text message to **411911** keyword: **UMD**. Click here to read [SMS Terms of Use](#).

# 4) Typology of Emergency Events

<b>Physical/ Temporal</b>	<b>Personal</b>	<b>Community</b>	<b>Multi-Community</b>
<b>Sudden</b>	Personal Emergency	Community Crisis	Disaster
<b>Gradual</b>		Community Emergency	Catastrophe



# The ISCRAM Challenge

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- Disturbing societal transformations
- Complex multi-disciplinary problems
- New research methods

# Declining Social Capital (Putnam, 2000)

- Neighborhoods & education failing
- Economic & healthcare inequities
- Epidemics & pollution
- Accidents & natural disasters
- Terror threats

54 BOWLING ALONE

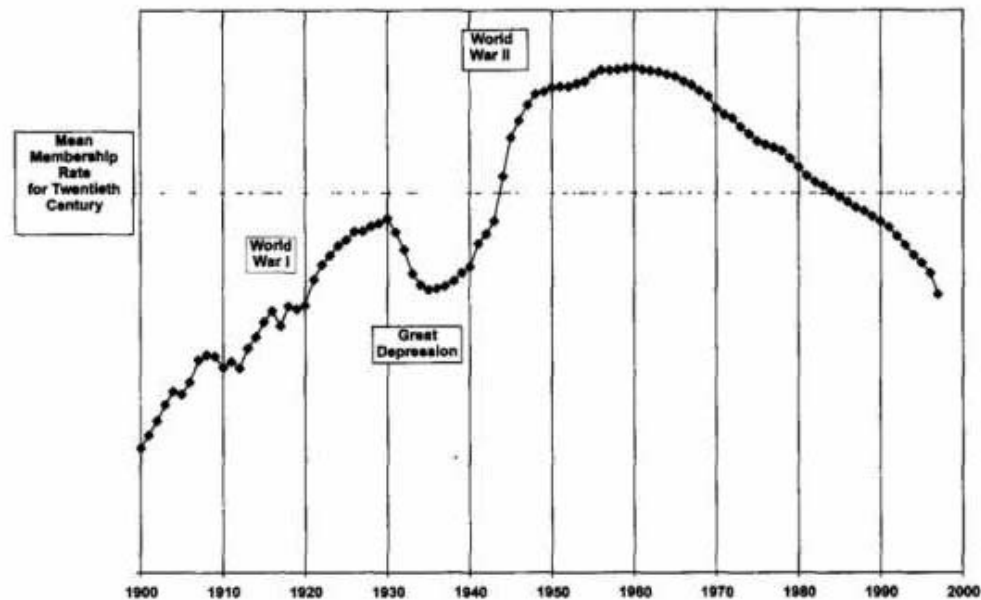


Figure 8: Average Membership Rate in Thirty-two National Chapter-Based Associations, 1900–1997

# Restoring Social Capital

- City, county, state civic services
- Federal agencies
- Corporations
- Resident action for community efficacy



The Saguaro Seminar report, titled "**BetterTogether**", was originally published in December 2000.

Our first limited print run was exhausted, but is available for download, free of charge, in several formats.

The second printing is still available in hard

**BetterTogether** was printed two times. The first edition was printed in 2000, chapters of which are shown below. And a second printing took place several months after 9-11-2001 with a new preface. That version is shown below separated into three sections.



**Report with graphics (Revised, SECOND printing), 3MB each part**


- report text, in three parts, second edition
- Pages 1-29
- Pages 30-87
- Pages 88-100
- Entire report text, first edition, without graphics (486KB; 106 pages printed)

# Social Media & Community



- Open Source, LINUX
- Wikipedia, Citizendium, Wikia
- Citizen Journalism, Democracy NOW
- Facebook, LinkedIn, MySpace
- Flickr, YouTube, Digg, del.icio.us
- Second Life
- Google Map Mashups

# Wikipedia




WIKIPEDIA  
The Free Encyclopedia

[Log in / create account](#)

[article](#) [discussion](#) [edit this page](#) [history](#)

## Emergency management

From Wikipedia, the free encyclopedia

 It has been suggested that this article or section be [merged](#) with [Disaster risk reduction](#).  
([Discuss](#))

**Emergency management** (or **disaster management**) is the discipline of dealing with and avoiding risks.<sup>[1]</sup> It is a discipline that involves preparing for disaster before it happens, disaster response (e.g. emergency [evacuation](#), [quarantine](#), [mass decontamination](#), etc.), as well as supporting, and rebuilding [society](#) after [natural](#) or [human-made disasters](#) have occurred. In general, any Emergency management is the continuous process by which all individuals, groups, and communities manage [hazards](#) in an effort to avoid or ameliorate the impact of disasters resulting from the hazards. Actions taken depend in part on perceptions of [risk](#) of those exposed.<sup>[2]</sup> Effective emergency management relies on thorough integration of emergency plans at all levels of government and non-government involvement. Activities at each level (individual, group, community) affect the other levels. It is common to place the responsibility for governmental emergency management with the institutions for [civil defense](#) or within the conventional structure of the [emergency services](#). In the private sector, emergency management is sometimes referred to as [business continuity planning](#).

Emergency Management is one of a number of terms which, since the end of the [Cold War](#), have largely replaced *Civil defense*, whose original focus was protecting civilians from military attack. Modern thinking focuses on a more general intent to protect the civilian

**Contents** [\[hide\]](#)

- 1 Phases and professional activities
  - 1.1 Mitigation
  - 1.2 Preparedness
  - 1.3 Response
  - 1.4 Recovery
- 2 Phases and personal activities
  - 2.1 Mitigation
  - 2.2 Preparedness
  - 2.3 Response
  - 2.4 Recovery
- 3 As a profession
  - 3.1 Tools
- 4 Within other professions
  - 4.1 Tools
  - 4.2 Further reading
- 5 International organizations
  - 5.1 International Association of Emergency Managers
  - 5.2 Red Cross/Red Crescent
  - 5.3 United Nations
  - 5.4 World Bank
- 6 National organisations

Internet | Protected Mode: On 100%

# Citizendium & WikiDemocracy



Log in / sign up

article discussion edit history

Discussion about the content page [alt-t]ate the world's most trusted knowledge base.  
A wiki with experts and real names. A new knowledge society.  
All unapproved articles are subject to a disclaimer; please read.

## Main Page

search

citizendium

- Main Page
- Live articles
- Random page

project pages

- Recent changes
- Home
- Start article
- Help
- Workgroups
- Communication
- Donate
- Join us!

toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link

Natural Sciences Social Sciences

Humanities Arts

Applied Arts and Sciences Recreation

**Welcome!**

We are an encyclopedia project, and more.

We are a different sort of Web 2.0 project:

- We aim at credibility and quality, not just quantity.
- We offer gentle expert oversight, and put it to use.
- We use our real names, not pseudonyms.
- We're collegial.

We have added over 2,700 articles since November 2003.

### Join us!

- New authors and editors welcome!
- Response within 24 hours, guaranteed.

### Learn about us

- For readers: [About the Citizendium](#).
- For contributors: [How to get started as a contributor](#).
- [Project Home](#).



Request a new wiki Log in Create an account

Democracy Wiki

Search Democracy Wiki

Democracy Wiki

Top Content

Community

United States

New York

Upload image Special pages Help

Recent changes Random page What links here

Community

21 articles on this wiki

Create an account

Already a member? Log in

Latest Activity

User talk:Jack Phoenix

Democracy 2 - The Game

Picture Of Democracy

Democracy

Jeffersonian democracy

Ads by Google

## Main Page

Welcome to WikiDemocracy [edit]

Imagine if "We the People of the United States, in Order to form a more perfect Union" created a WikiCongress, to act as a people-partisan "think tank" to propose new legislation (<http://thomas.loc.gov/home/lawsmade.bysec/sourcesofleg.html>). Would the interests of the American people be more fairly represented than the interests of [Special Interests](#)? This is the experiment that begins here at WikiDemocracy.

**WikiDemocracy** has a goal of providing an area for initial "think tank" efforts, of generating an awareness of efforts that are already underway, and finally of moving some of these works into [WikiCongress](#) for legislative formalization.

## "We the People" Projects [edit]

A number of "We the People" projects are underway that are complimentary to an overall effort to improve democracy.

Electoral information is provided at [elections.wikicities.com](http://elections.wikicities.com) so that voters can inform each other directly concerning candidates.

[BeyondVoting](#) has some excellent references to new wikitools of democracy.





# Democracy NOW



**LISTEN | WATCH**  
TODAY'S SHOW

**DONATE**

Search DNI Site

A daily TV/radio news program, hosted by Amy Goodman and Juan Gonzalez, airing on over 700 stations, pioneering the largest community media collaboration in the U.S.

[HOME](#) [DONATE](#) [STORE](#) [STATIONS](#) [PAST SHOWS](#) [FEATURES](#) [GET INVOLVED](#) [TOUR](#) [ESPAÑOL](#) [ABOUT](#)

## HIRING

Outreach Director



## Amy Goodman's STANDING UP TO THE MADNESS Tour Dates

5/03 Burlington, VT  
5/03 Montpelier, VT  
5/03 Barre, VT  
5/04 Manchester, VT  
5/04 Albany, NY  
5/07 New York City, NY  
more...

## VISIT OUR STORE



DVDs, Books and more!

Friday, May 2, 2008



00:45 64%

[Real Video](#) [MP3](#) [Purchase DVD/CD](#) [+ More Formats...](#)

## After More than Six Years, Al Jazeera Cameraman Sami al-Haj Released from Guantanamo Bay

Arrested in Pakistan in December 2001, Sami al-Haj spent nearly six-and-a-half years at Guantanamo without charge or trial. He had been on a more than a year-long hunger strike to protest his imprisonment. We hear al-Haj's first public remarks from his hospital bed in Sudan and speak to his brother, Asim al-Haj. [includes rush transcript]



## Southern California Residents Gear Up for New Fight to Stop Secretive Expansion by Military Firm Blackwater

Just two months after local opposition thwarted its



## Today's Headlines

- Al Jazeera Cameraman Sami al-Haj Freed From Guantanamo
- 36 Killed, 65 Wounded in Baghdad Suicide Bombing
- Turkey Resumes Attacks in Northern Iraq
- Protests Mark 5 Years Since "Mission Accomplished"
- Tens of Thousands Rally for Immigrant Rights
- Dockworkers Shut Down Ports in Antiwar Protest
- Bush Admin Forces Out EPA Regulator Who Sought Regulation of Dow
- Bush Proposes Additional Food Aid
- Exxon Posts \$10.89B Quarterly Profit
- Nicaraguan President Accuses US of Destabilization
- New Zealand Activists Damage US-Linked Spy Base

## BLOG

### Amy Goodman's New Column: "Ticker Tape Ain't Spaghetti"

Food riots are erupting around the world. Behind the hunger, behind the riots, are so-called free-trade agreements, and the brutal emergency-loan agreements imposed on poor countries by financial institutions like the International Monetary Fund.

# Chicago Crime

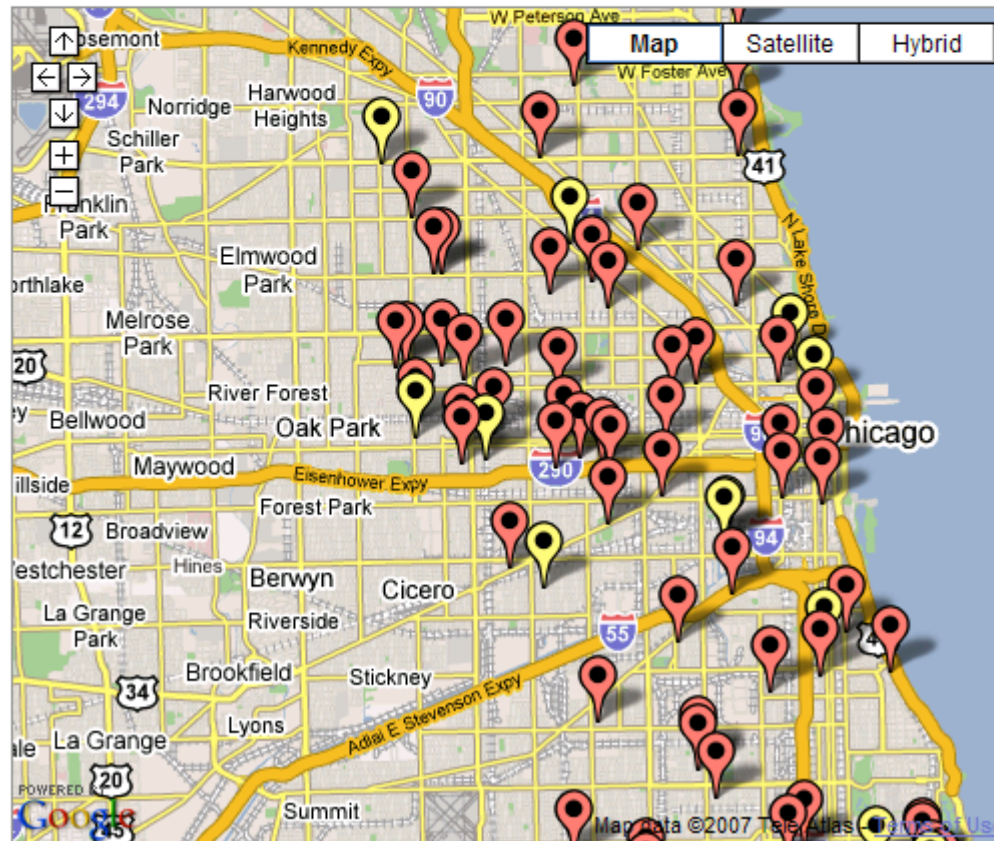
CHICAGOCRIME.ORG AV  
4200 N

A freely browsable database of  
crimes reported in Chicago.

Browse by: [Crime type](#) · [Street](#) · [Date](#) · [Police district](#) · [ZIP code](#) · [Ward](#) · [Location](#) · [Route](#) · [City map](#)

## Crime map

More than 100 crimes were found -- only the latest 100 are displayed. Narrow the list using the choices below.



## Filter crimes

All locations

Assault

All districts

Nov. 2, 2005  to Aug. 29, 2007

Midnight  to Next midnight

## Crime classifications key

-  Person
-  Person (domestic)
-  Property
-  Property (domestic)
-  Society
-  Society (domestic)



# Wikideedia



## Role Models & Inspirations

- Make good deeds visible
- Everyone is a role model
- Tell stories to celebrate local heroes
- Encourage generalized reciprocity
- Build community efficacy & social capital

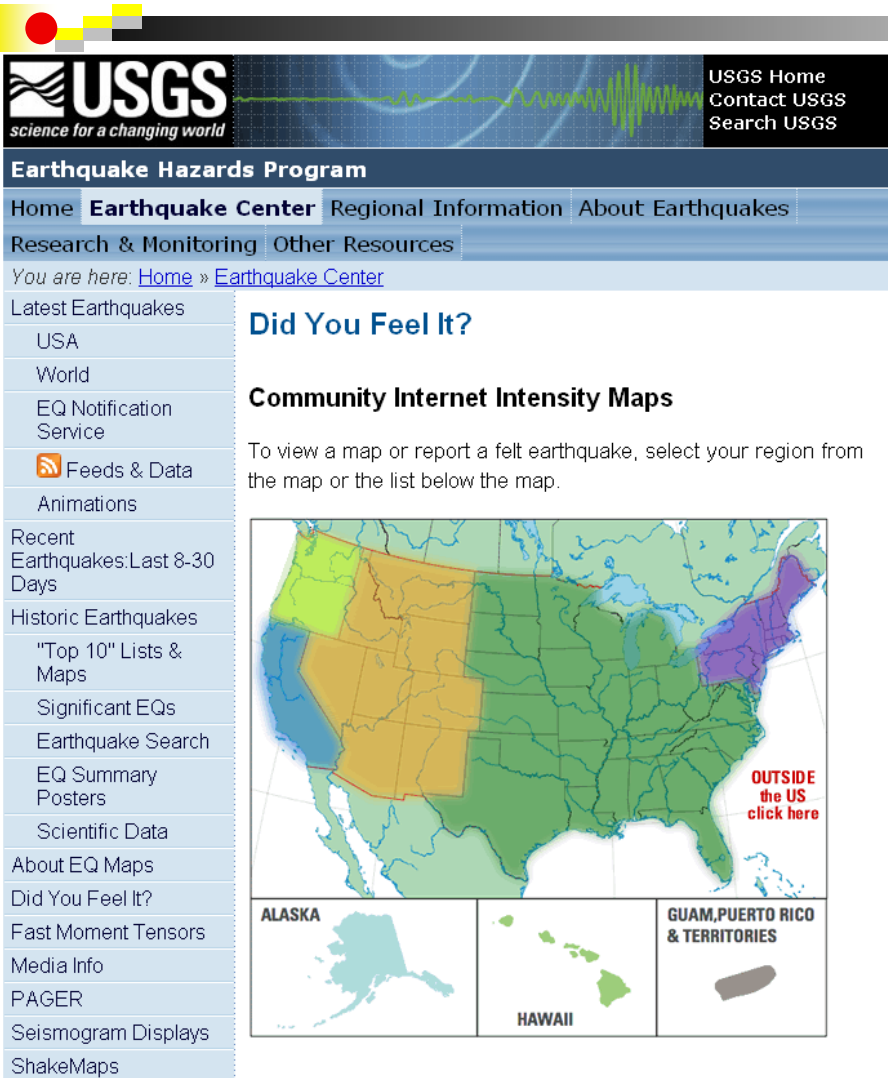
# How to motivate participation?

## Disaster-related

- Reporting
- Response
- Recovery

What has been tried?

# Reporting: Earthquakes & Storms



**USGS**  
science for a changing world

USGS Home  
Contact USGS  
Search USGS

## Earthquake Hazards Program

Home **Earthquake Center** Regional Information About Earthquakes

Research & Monitoring Other Resources

You are here: [Home](#) » [Earthquake Center](#)

Latest Earthquakes

- USA
- World
- EQ Notification Service
- Feeds & Data
- Animations

Recent Earthquakes: Last 8-30 Days

Historic Earthquakes

- "Top 10" Lists & Maps
- Significant EQs
- Earthquake Search
- EQ Summary Posters
- Scientific Data

About EQ Maps

Did You Feel It?

Fast Moment Tensors

Media Info

PAGER

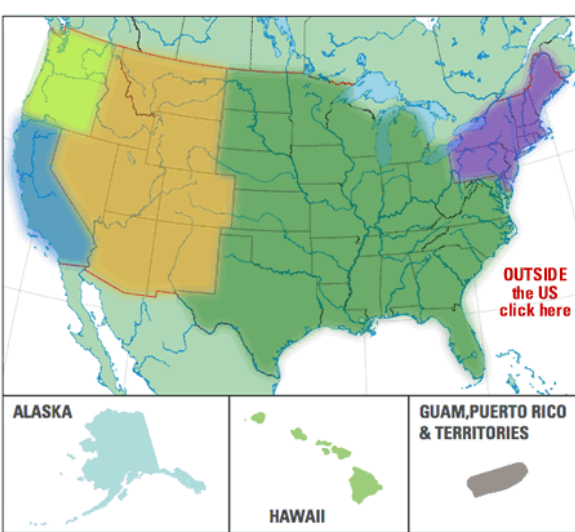
Seismogram Displays

ShakeMaps

### Did You Feel It?

#### Community Internet Intensity Maps

To view a map or report a felt earthquake, select your region from the map or the list below the map.



ALASKA

HAWAII

GUAM, PUERTO RICO & TERRITORIES

OUTSIDE the US  
[click here](#)



**3kimt.com**  
Iowa, Minnesota, together.

Search [kimt.com](#)

Home News Weather Sports Health Links Mentioned Big Shot Features Programming Community Calendar Exp

Hearing Associates, P.C.  
250 South Crescent Drive, Mason City  
(641) 422-6424 • Toll Free 1-800-621-6424  
Trust the professionals

## Local weather

### STORM TEAM 3 KIMT

#### StormTeam 3 Storm Spotter Weather Reports

Since rainfall and snowfall varies so much from city to city, storm spotters make or break the coverage of rain and snow events!

If you have not yet registered for a username and password, please [click here](#). It may take a day or two for you to be entered into our system.

Username:

Password:

Precipitation recorded:

Location precipitation was recorded at:

### Forecast Center

RIGHT NOW **54°** Partly Cloudy  
Wind WNW at 23 mph  
Today's Temperatures **Hi 51**  
Low 35

Local Forecast | Weather Closings | Weather Maps  
Eye in the Sky | Storm Spotters | Weather Warn



**kimt STORM TEAM 3**

### 3 Video on demand

**kimt STORM TEAM 3**

You're watching  
Storm Team 3 Forecast

00:02 / 03:12

menu



[earthquake.usgs.gov/eqcenter/dyfi](http://earthquake.usgs.gov/eqcenter/dyfi)

[weather.kimt.com](http://weather.kimt.com)



# Reporting: Abducted Children



The screenshot shows the NCMEC website with a blue header and a sidebar on the left. The main content area features a search bar, a list of missing children, and a section for reporting sightings.

**NATIONAL CENTER FOR MISSING & EXPLOITED CHILDREN**

Home About Us Supporters Training Site Search News & Events

**Help Now**

- Report a Sighting
- CyberTipline
- Get Involved
- AMBER Alert
- Donate
- Stay Informed

**Resources for**

- Parents & Guardians
- Law Enforcement
- Childcare Providers
- Attorneys
- Media

**Topics of Focus**

- If Your Child Is Missing
- Sexual Exploitation
- Child Safety
- Sex Offenders
- Success Stories
- Natural Disasters

**Global Network**

Learn More

**Language**

English

**Special Thanks**

**WAL-MART**

**Sam**

**www.ncmec.org**

**www.missingkids.com**



The screenshot shows the AMBER Alert website with a red and blue header. The main content area features a search bar, a list of missing children, and a section for reporting sightings.

**U.S. Department of Justice Office of Justice Programs**

Innovation \* Partnerships \* Safer Neighborhoods

**AMBER Alert**

*America's Missing: Broadcast Emergency Response*

Home | FAQs | Site Index | Contact Us | Search

**About AMBER Alert**

- Guidelines
- Coordinator
- Legislation
- National Strategy

**Statistics**

**Resources**

- State AMBER Alert Contacts
- Wireless AMBER Alerts
- Toolkit for Raising Awareness
- Training

**Newsroom**

- Press Releases
- Publications
- Videos
- Messages
- Events
- Speeches

**AMBER Alert**

The AMBER Alert™ Program is a voluntary partnership between law-enforcement agencies, broadcasters, transportation agencies, and the wireless industry, to activate an urgent bulletin in the most serious child-abduction cases. The goal of an AMBER Alert is to instantly galvanize the entire community to assist in the search for and the safe recovery of the child.

[See Active AMBER Alerts](#)

**Related Initiatives**

- Wireless AMBER Alerts
- take 25
- project safe childhood
- AA Coordinators' Extranet

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**www.amberalert.gov**





# Reporting: Wildfires

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Search this group's pool

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## Yahoo! News California Wildfires

[Slideshow](#)

[Discussion](#) | [Pool](#) | [Map](#) | [64 Members](#)



From [ms4jah](#)



From [cpm73](#)



From [cpm73](#)



From [cpm73](#)



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From [bigmikelakers](#)



From [bigmikelakers](#)



From [cpm73](#)



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From [cpm73](#)



From [cpm73](#)



From [cpm73](#)



From [Andrew](#)



From [Andrew](#)



From [Andrew](#)



From [Miro-Foto](#)



From [Andrew](#)



From [Andrew](#)



From [Miro-Foto](#)



From [Miro-Foto](#)



From [The Ugly One](#)



From [Terry P](#)



From [Terry P](#)



From [Terry P](#)



# Reporting: Local incidents



Watch Jefferson County  
Online Neighborhood Watch in Jefferson County, WV

[File a Report](#)[Discussion](#)[Resources](#)[Contact](#)[About](#)

☒ Police Logs - All Offense  
☒ Watch Reports - All Rep  
☐ 01 Nov 200  
☐ 31 May 200

☐ Within 5 miles of  
Any Zip Code

☐ Save as

[\[ Show Saved Searches \]](#)[Update map](#)[Show / Hide Additional Search Options](#)

Showing 1-50 of 4015. [3783 incidents, 232 reports]

[Next >>](#)

Legend:  
● Break-  
● Public  
● Reckless  
● Public  
● ATV  
● Vandalism  
● Suspiciou  
● ATV  
● ATV

REPORT: [ATV Complaint](#)

ATV Complaint

Saturday Apr 12 2008 4:45pm

2 Dirt Bikes - Noisy - No Helmets - Public Rds

REPORT: [ATV Complaint](#)

ATV Complaint

Wednesday Apr 9 2008 10:30pm

Public Nuisance/Trespass

REPORT: [Suspicious Activity](#)

Suspicious Activity

Wednesday Apr 9 2008 Unknown

Credit Card Fraud w/Mysterious Details

REPORT: [ATV Complaint](#)

NO LOCATION AVAILABLE ATV Complaint

Saturday Apr 5 2008 2:00 p.m.

Dirt Motorcycles entering Campfire Girls area across from Mission Park

REPORT: [Vandalism](#)

Vandalism

Friday Apr 4 2008

Vandalism



# Response: Wildfires



[Home](#) [Find & Invite](#) [Public Timeline](#) [Settings](#) [Help](#) [Sign out](#)



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#sandiegofire Harris fire now 50 percent contained 08:21 AM October 27, 2007 from web ☆

#sandiegofire Witch Creek fire now 60 percent contained 08:21 AM October 27, 2007 from web ☆

#sandiegofire Rice Canyon fire now 80 percent contained 08:21 AM October 27, 2007 from web ☆

@pinguino that's really cool. Thanks! 08:20 AM October 27, 2007 from web ☆

#sandiegofire All Del Dios residents may return to their homes, county officials have announced. 08:19 AM October 27, 2007 from web ☆

#sandiegofire 12,600 people are still without power, but that service has been restored for 76 percent of those who lost it 05:12 PM October 26, 2007 from web ☆

#sandiegofire Residents who are approached by unlicensed contractors should report it to the District Attorney's Office at 1-800-315-7672 05:11 PM October 26, 2007 from web ☆

#sandiegofire The Witch Creek fire is churning its way toward the rural town of Julian. 02:55 PM October 26, 2007 from web ☆

#sandiegofire Parts of Dehesa-Harbison open for reentry: All areas N of Willow Glen Dr, E of El Cajon, W of S Grade Rd & Tavern Rd, S of I-8 02:55 PM October 26, 2007 from web ☆

## About

**Name** nate ritter

**Location** san diego, ca

**Web** <http://blog.perfe...>

**Bio** Eyewitness line:  
619-365-9224 to tell story or  
announce something I am  
missing

## Stats


Following	58
Followers	317
Favorites	17
Updates	1,650

## Following





# Response: Gov't, NGOs, victims



## SAHANA

Home of the Free and Open Source Disaster Management System

[Sourceforge](#) [WIKI](#) [Humanitarian-ICT](#) [LSF](#) [About](#)

**Sahana is a Free and Open Source Disaster Management system. It is a web based collaboration tool that addresses the common coordination problems during a disaster from finding missing people, managing aid, managing volunteers, tracking camps effectively between Government groups, the civil society (NGOs) and the victims themselves.**

- [Sahana Overview](#)
- [Screenshots](#)
- [Download and Install Sahana](#)



### SAHANA 0.6.2-stable released!

During this festive season, the Sahana community is proud to announce the release of Sahana 0.6.2-stable. Sahana is a disaster management system initiated after the devastating Asian Tsunami in 2004 and built around the concepts of modularized architecture and component based development. This stable release is another major and memorable achievement by the Sahana community marking the three year anniversary of Asian Tsunami.

New features include the much advanced security framework with auditing capabilities, dynamic language translation, web services, RSS facility, reporting, together with a usable AJAX enhanced interface. This release incorporates numerous bug

#### Navigation

- ▢ Overview
- ▢ Screenshots
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- ▢ Download
- ▢ Join the Community
- ▢ Chat with Team
- ▼ Demos
  - ▢ Sahana II v0.4
  - ▢ Experimental CVS
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  - ▢ Windows XP
  - ▢ Mac OS X
- ▢ Mailing Lists
- ▢ Donate
- ▢ Sponsors
- ▢ History (Wikipedia)
- ▢ Login

# Response: Coordinating Professionals



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[HOME](#) | [LATEST UPDATES](#) | [COUNTRIES & EMERGENCIES](#) | [APPEALS & FUNDING](#) | [POLICY & ISSUES](#) | [PROFESSIONAL RESOURCES](#) | [MAPS](#)

SERVING THE INFORMATION NEEDS OF THE HUMANITARIAN RELIEF COMMUNITY

28 Apr 2008

## MAP CENTRE »



Iraq: Humanitarian Profile - Mar 2008 (Arabic Version)

[See all Maps](#)

## ABOUT RELIEFWEB

ReliefWeb is the global hub for time-critical humanitarian information on Complex Emergencies and Natural Disasters [more »](#)



United Nations Office for the Coordination of Humanitarian Affairs

## COUNTRIES & EMERGENCIES »

[Afghanistan »](#) [Iraq »](#)  
[Burundi »](#) [Kenya »](#)  
[Central African Republic »](#) [Occupied Palestinian Territory »](#)  
[Chad »](#) [Somalia »](#)  
[Haiti »](#) [Sudan »](#)

**See all Countries, Emergencies & Natural Disasters:**

[Africa](#) | [Americas](#) | [Asia](#) | [Europe](#) | [Oceania](#)

## LATEST NATURAL DISASTERS

[China: Typhoon Neoguri - Apr 2008 »](#)  
[DR Congo: Airplane Crash - Apr 2008 »](#)  
[Colombia: Nevado del Huila Volcano - Apr 2008 »](#)  
[Argentina: Floods - Mar 2008 »](#)

[more »](#)

## APPEALS & FUNDING »

[CAP: 2008 Humanitarian Appeals »](#)  
[Current Funding Status of Humanitarian Appeals](#)

## HEADLINES

[How to send us information »](#)

- [Afghanistan's insurgency spreading north »](#)
- [Armenia: Gov't discusses draft decision 'On settlement of Nagorno-Karabakh problem' »](#)
- [Understanding West Africa's rising food prices »](#)
- [OPT: UN to resume food distribution in Gaza »](#)
- [Senegal: As protests swell "self sufficiency" plan is questioned »](#)
- [Kenya: Land, displacement and the search for 'durable solutions' - ODI-HPG »](#)

[click to save](#) go to [Latest Updates](#)

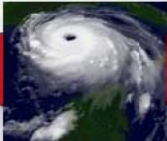
## FROM OUR PARTNERS

(These links will take you to external sites)

[Integrated Food Security Phase Classification »](#)

[IDMC - Internal displacement: Global overview of trends and developments in 2007 »](#)

# Recovery: Connected Giving



Help us stay online!

navigation

- Main Page
- Community portal
- Current events
- Recent changes
- Blogs
- Help
- Donations

search

Go Search

toolbox

- What links here
- Related changes
- Special pages

Create an account or log in

article discussion view source history

## Main Page

### KatrinaHelp | Mirror

#### Access

- This wiki is [actively monitored](#) for spam and
- Except for a few active pages (listed below) protected.
- If you wish to edit a protected page on this sample of what you want to add or edit. After be reviewed and reprotected.
- All new pages will be protected or removed


#### Jobs Offered

- Mar 18, 2007 - Skilled Tradesmen Needed
- Dec 24, 2006 - Local Craftsman/Tradesmen
- Sep 20, 2006 - Sell fabrics from home

### Citizen Action Team

- Resource Database
- Home
- What Does The Gulf Need?
- About Us
- News
- Donation Drive
- Drop off locations
- Make a Donation
- Message Board
- In The News
- How Can I Help?
- Packing Instructions
- Pictures
- Contact Us

## Citizen Action Team



Delivering help, real-time and on target.

\* Who we are: We are an unaffiliated group of volunteers that have come together to provide supplies to the areas of the hurricane ravaged coastline. We are serving the least served areas affected by the hurricane. We are working directly with the shelter relief teams in areas such as Lafayette, Baton Rouge, Gulfport and now Hattiesburg. We are working directly with warehouse operations in Lafayette and Gulfport.

### We need

Volunteers:	Money:
<ul style="list-style-type: none"><li>- to help with phone calling</li><li>- to help with gathering operations</li><li>- trucks/drivers for local pickups</li></ul>	<ul style="list-style-type: none"><li>- for fuel</li><li>- for tolls</li><li>- for rental trucks for local d</li></ul>

## Real-Time Disaster Relief

**katrinahelp.info**

**citizenactionteam.org**

(Torrey et al., *HICSS2008*)



# Recovery: Connected Giving



A non-profit agency coordinating housing, jobs, and resources for the survivors of major natural disasters.



Announcements	Housing	Employment	Resources	Volunteers Needed
Mission	Relief Resources	Our Results	Stories of Hope	Program Leadership

## Welcome To The Home Of Katrina's Angels

Hurricane Katrina shattered hundreds of thousands of lives across the Gulf Coast. In her wake, angels showed the way to dignity and hope...

That's how we started...

Katrina's Angels exists to support communities affected by disasters by offering solutions to unmet needs and enhancing the recovery process through resource pooling and information sharing.

Objectives:

Katrina's Angels will:

- Provide structure and coordination of efforts to those on the ground following first response team efforts.
- Provide communication tools through its web sites, [KatrinasAngels.org](http://KatrinasAngels.org) and the [Angels in Action Forum](#), where Katrina's Angels maintains a publicly available, state sorted, resource library.
- Partner with service and resource organizations to foster cooperation and resource coordination.
- We will always strive to reduce duplication of effort, and to enhance efficiency through resource management and feedback.
- Maintain highly ethical practices and procedures for its volunteers and partner organizations

<http://www.katrinangels.org>

# Recovery: I'm OK

[Home](#)[List Myself As Safe and Well](#)[Search](#)[Privacy Policy](#)[Service Partners](#)[FAQ](#)[Help](#)[Site Sponsors](#)[Redcross.org](#)

Language/Idioma:

English ▼

## Providing Safe and Well Information

Welcome to the American Red Cross *Safe and Well Website*. If you have been affected by a disaster, this website provides a way for you to register yourself as "safe and well." From a list of standard messages, you can select those that you want to communicate to your family members, letting them know of your well-being.

Concerned family and friends can search the list of those who have registered themselves as "safe and well." The results of a successful search will display a loved one's First Name, Last Name, an "As of Date", and the "safe and well" messages selected.

[List Myself as Safe and Well](#)[Search](#)

Many organizations are working with the American Red Cross to provide families a variety of services and tools to communicate with loved ones during times of emergency. In addition to using this website, also consider the services offered by the agencies listed on the [Service Partners](#) page.

# of Registrations – Last 24 Hours:	1
# of Registrations – Since 01/01/2008:	4962



# Recovery: Memorials

facebook

Search

Applications

Photos

Groups

Events

more

Profile editFriendsFriendsInboxInboxhomeaccountprivacylogout

virginia tech shooting


Search

Profile Search

All ResultsGroups (500+)

Show results fromMy NetworksShow More Filters

Displaying 1 - 10 out of over 500 group results for: **virginia tech shooting**



Group:

**A TRIBUTE TO THOSE WHO PASSED IN THE VIRGINIA TECH SHOOTING**


Size:

34,175 members

Type:

Common Interest - Current Events

View Group



Group:

**A tribute to those who passed at the horrific Virginia Tech Shooting**

Size:

3,236 members

Type:


Common Interest - Current Events

New:

5 Fewer Members

View Group

Join Group



Group:

**Thoughts & Prayers for Virginia Tech Shooting Victims**

Size:


1,258 members

Type:

Common Interest - Current Events

View Group

Join Group



Group:

**Pray For All The Virginia Tech Students Involved In The Shooting!**

Size:

1,169 members

Type:

Common Interest - Current Events

View Group

Join Group

# How to motivate participation?

## Disaster-related

- Reporting
- Response
- Recovery

Is there a theory to start from?



# Motivations of residents

- Fear, imminent threat  
(Rogers, 1975)
- Revenge, response to tragedy, guilt  
(Hanson, 2008)
- Theory of public-service motivation  
(Perry, 2000)
- Egoism, altruism, collectivism, principlism  
(Batson, Ahmad & Tseng, 2002)

# Stages of participation

## Wikipedia & Reporting sites

- Reader
- Contributor (Legitimate Peripheral Participation)
- Leading Contributor
- Leader (Admin, Bureaucrat, Steward)

(Preece, Nonnecke & Andrews, *CHB2004*;  
Forte & Bruckman, *SIGGROUP2005*; Hanson, 2008)

# Strategies for managers

Charismatic leader & bottom-up initiatives

- Personal contact, viral marketing, 1-to-1
- Appeal to special skills & uniqueness
- Engage existing groups
- Public call to action

# Design for Activities

Implement software & real-world efforts

- Promote awareness
- Encourage participation
- Make impact visible
- Recognize contributions

# Activities and Relationship Table (ART)



## Activities

Awareness

Participation

Impact

Recognition

## Relationships

1-to-1

Family &  
Friends

Colleagues &  
Neighbors

Citizenry &  
Markets




# How to motivate participation?

## Disaster-related

- Reporting
- Response
- Recovery

What new scientific methods are needed?

# Interdisciplinary Challenges



- Modern problems are complex
- Solutions require multiple disciplines
- Laboratory studies have limited relevance
- Natural sciences are not sufficient



# UN Millennium Development Goals

**keep the promise**  
Millennium Development Goals



HOME | BACKGROUND | DOCUMENTS | NEWSROOM | WEBCAST | RELATED SITES

## The Goals

- 1** Eradicate extreme poverty and hunger
- 2** Achieve universal primary education
- 3** Promote gender equality and empower women
- 4** Reduce child mortality
- 5** Improve maternal health
- 6** Combat HIV/AIDS, malaria and other diseases
- 7** Ensure environmental sustainability
- 8** Develop a global partnership for development

## What are the Millennium Development Goals?

The eight Millennium Development Goals (MDGs) – which range from halving extreme poverty to halting the spread of HIV/AIDS and providing universal primary education, all by the target date of 2015 – form a blueprint agreed to by all the world's countries and all the world's leading development institutions. They have galvanized unprecedented efforts to meet the needs of the world's poorest.

"We will have time to reach the Millennium Development Goals – worldwide and in most, or even all, individual countries – but only if we break with business as usual. We cannot win overnight. Success will require sustained action across the entire decade between now and the deadline. It takes time to train the teachers, nurses and engineers; to build the roads, schools and hospitals; to grow the small and large businesses able to create the jobs and income needed. So we must start now. And we must more than double global development assistance

## NEWS FLASH

[Millennium Development Goals Report 2006](#)

## UN ACTION

[2005 World Summit United Nations Headquarters, NY](#)  
14-16 September 2005

[Millennium Project](#)

[World Summit outcome](#)

[Millennium Development Goals: Civil Society Takes Action](#)  
58th Annual  
DPI/NGO Conference,  
7-9 September 2005, NY

[Regional Reports](#)

[Economic and Social](#)

# Historic Transformation

- Existing sciences have reached limits:  
*The End of Science: Facing the Limits of Knowledge in the Twilight of the Scientific Age*, John Horgan
- End of Physics
- End of Computer Science
- *End of History*, Francis Fukuyama

# Science 1.0



- Reductionist
- Controlled Experiments
- Replicability
- Laboratory
- Natural World



# Science 1.0

+

# Science 2.0

- |                          |   |              |
|--------------------------|---|--------------|
| • Reductionist           | → | Integrated   |
| • Controlled Experiments | → | Case Studies |
| • Replicability          | → | Validity     |
| • Laboratory             | → | Situated     |
| • Natural World          | → | Made World   |

# Science 1.0

+

# Science 2.0

- Reductionist → Integrated
- Controlled Experiments → Case Studies
- Replicability → Validity
- Laboratory → Situated
- Natural World → Made World
  
- Hypothesis Testing → Hypothesis Testing
- Predictive Theories → Predictive Theories
- Replications → Replications

# Science 2.0 Emerges



Interdisciplinary study of the made world

Socially embedded

Bringing closer together

- theory & practice
- basic & applied research

New research directions

(Emerson, Dewey, James, Simon, Berners-Lee,  
... and many of you!)

# Short Range Goals



- Validate benefits of new designs
- **Move from observational & experimental to interventional**
- Rapid refinements of designs
- Benefits to users

# Long Range Goals



- **Harness Collaboration**
  - Pair-wise
  - Small Team
  - Larger Group
  - Social Creativity



# Long Range Goals



- **Harness Collaboration**
  - Pair-wise
  - Small Team
  - Larger Group
  - Social Creativity

Measure giga-collabs and peta-contribs

# Long Range Goals



- **Understand dynamics of**
  - Trust
  - Empathy
  - Responsibility
  - Privacy
  - Etc.

# Road ahead



- **Much work to be done**
- **Difficult to attain all our goals**
- **But we can make important contributions**

# Road ahead



- **Much work to be done**
- **Difficult to attain all our goals**
- **But we can make important contributions**
- **Shift public policy**
  - **National Institutes for Collaboration**
  - **National Initiative for Building Community**

# Road ahead

- Much work to be done
- Difficult to attain all our goals
- But we can make important contributions
- Shift public policy
  - National Institutes for Collaboration
  - National Initiative for Building Community

**Let's roll!**



# **25<sup>th</sup> Anniversary Symposium**

## **May 29-30, 2008**

[www.cs.umd.edu/hcil](http://www.cs.umd.edu/hcil)

