

International Association for the Study of

**ISCRAM**

Information Systems for Crisis Response and Management



**Susanne Jul, PhD**

Vice-Chair

**Mark Haselkorn, PhD**

2010 Conference Chair

# Overview



What is ISCRAM?

Why is ISCRAM?

ISCRAM 2010

ISCRAM and you

# ISCRAM

International Association for the  
Study of Information Systems for  
Crisis Response and Management



Researchers  
and others



Information Systems



Crisis Response and Management

# History



**2004**

First workshop in Brussels

**2009**

Association formed (Belgian non-profit)

**2010**

7<sup>th</sup> Annual ISCRAM conference

4<sup>th</sup> ISCRAM-China conference

4<sup>th</sup> Summer School

# Goals



1. Promote research, development, knowledge exchange, and deployment of information systems for crisis response and management
2. Promote and facilitate cooperation between all parties involved in this domain, including researchers, practitioners, professionals, technical and other experts, policy makers, members of the public, and others

*in order to increase effective disaster management and reduce crisis-induced suffering*

# Goals



1. Provide a home for ISCRAM researchers
2. **Foster knowledge exchange *between* research and practice**

*in order to increase effective disaster management and reduce crisis-induced suffering*

# Research



The quest to  
“add to the sum total  
of human knowledge”  
-- *George Furnas*

# Types of Research



## Basic

Knowledge for the sake of knowledge

## Applied

Knowledge of how to apply knowledge

## **Use-Inspired Basic**

Knowledge necessary to solve real problems

# Researchers Are Like Vacuum Cleaners



You want the benefits of their work, but don't want them around when you're trying to do yours

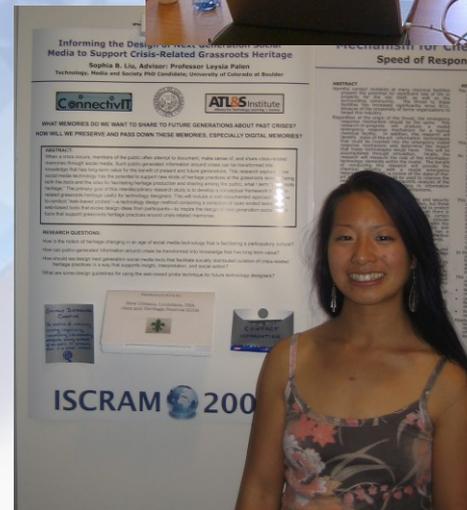
# Knowledge Exchange



“Disaster doesn’t  
work that way”

# ISCRAM Activities

- Conferences
  - ISCRAM (2004 - )
  - ISCRAM-China (2006 - )
- Summer School (2006 - )
- ISCRAM Live (2008 - )
- Partnerships
  - IAEM-Europe (2009)
- Proposed
  - CityLabs
  - Regional workshops
  - Driving questions
  - ...
- Suggestions?





**ISCRAM**   
*2010*  
Crowne Plaza Hotel, Seattle  
May 2<sup>nd</sup> – May 5<sup>th</sup>, 2010

# **ISCRAM2010**

## **Defining Crisis Management 3.0**

### **7th International Conference on Information Systems for Crisis Response and Management**



**Seattle, Washington, U.S.A.  
May 2<sup>nd</sup> – May 5<sup>th</sup>, 2010**





**ISCRAM**   
*2010*

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# **A Major International Event for the Humanitarian Sector, Government and Academia**

**As of March 22 – Six Weeks Out from ISCRAM 2010**

**113 Registered Participants**

**3 major plenary sessions**

**42 peer-reviewed journal-quality papers presented**

**55 reviewed work-in-progress papers presented**

**8 practitioner reports from the field**

**3 discussion papers**

**@40 demos and poster presentations**



# An NGO-led Plenary on Haiti

**George Fenton**  
**Associate Director, Humanitarian Logistics at World Vision**  
**Intl. Chairman of Humanitarian Logistics Association**



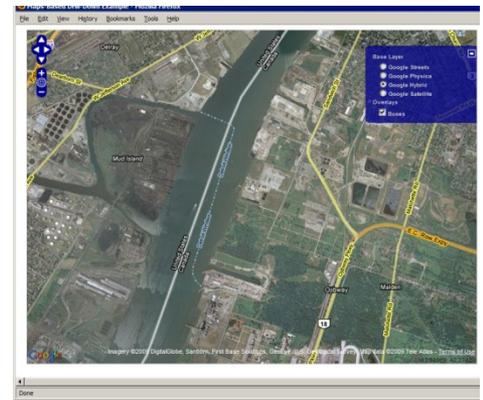
1. Early stages--Assessment among the chaos
2. Challenges--Communication and coordination
3. Recovery and Resilience





# Next Generation Precision Information Environments for Crisis Management Decision-Making

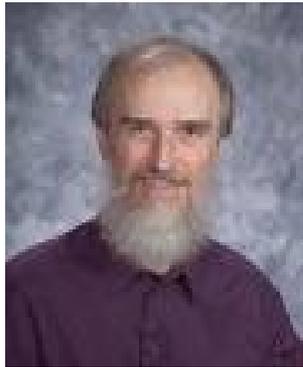
**Joseph Kielman**  
**Science Advisor, Science and Technology  
Directorate (S&T) at the Department of  
Homeland Security (DHS)**  
**Chief Scientist and Lead for Basic/Futures  
Research in the Command, Control and  
Interoperability Division (CID)**





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**Alan M. MacEachren, Ph.D.**  
**Professor of Geography, Affiliate**  
**Professor of Information Sciences**  
**and Technology, and Director of**  
**the GeoVISTA Center at the**  
**Pennsylvania State University**

A Plenary Session from a preeminent scholar whose work in the crisis management domain is based on a research foci that includes geographic visualization, geo-collaboration, visual analytics, interfaces to geospatial information technologies, spatial cognition, human-centered systems, and user-centered design





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**Plus, countless opportunities to integrate, build community, merge multiple perspectives, form important connections, and generally join an expanding and vital community of doers, planners, managers and researchers.**

**Including:**

**The Traditional Sunday Evening Pub Event**

**The ISCRAM Banquet**

**ISCRAM 2010 Live!**

**Numerous networking breakouts**



*Happy*  
**2010!**  
The ISCRAM Board  
Betsy O'Leary, Chair  
Murray Pitt, Vice Chair  
November 2009



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*2010*  
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May 2<sup>nd</sup> – May 5<sup>th</sup>, 2010

**ISCRAM 2010 Conference Chair:**

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**ISCRAM 2010 Event Logistics & Treasurer:**

Steve Flaherty: [iscram2010@iscram.org](mailto:iscram2010@iscram.org)



# Help ISCRAM Help You



What do you want from research?  
How can researchers engage with you?



[iscramdiscussion@googlegroups.com](mailto:iscramdiscussion@googlegroups.com)