

CONNIE WHITE

Assistant Professor

Institute for Emergency Preparedness

Jacksonville State University

Email: connie.m.white@gmail.com

Connie White earned her PhD in Information Systems from the College of Computing Sciences at the New Jersey Institute of Technology. She is an Assistant Professor with the Institute for Emergency Preparedness at Jacksonville State University. Dr. White is the Director of Information Technology Solutions for Emergency Management (ITSFEM.com), an education and consultation firm. She has published work in the Journal of Emergency Management (JEM), The International Association of Emergency Manager's Bulletin (IAEM), International Journal for Information Systems for Crisis Response and Management (IJISCRAM) and has a book being published in May 2011 titled: *Social Media, Crisis Communications and Emergency Management: Leveraging Web 2.0 Technologies*, published by Francis and Taylor, <http://www.taylorandfrancis.com/books/details/9781439853498/>.

Her current work explores how collaborative applications, social media, Free and Open Source Systems and Web 2.0 technologies can be leveraged together to support the decision making needs of crisis managers. Challenges arise in capturing the important information and directing the right information to the right people at the right time. Another research focus is in using spatial-temporal geographical information systems and social media to help provide information on the outer rural areas that have the least amount of connectivity through crisis mapping. Other research efforts explore using virtual worlds such as Second Life, as a teaching tool for practitioners. Her dissertation, *A Dynamic Delphi System to Support Decision Making by Large Groups of Crisis Management Experts*, focuses on the creation of a crisis management system that is used by large groups dispersed geographically where decisions must be made under uncertainty and among domain driven subgroups. The end result of this effort produced an application contributed to the Sahana Disaster Management System, Eden, a free and open source system created in response to the Asian Tsunami, which has been used all over the world, most recently in the Haiti Earthquake response and the floods of Pakistan. Her research interests include Social Media, Decision Making, Scales, Sahana, Thurstone's Law of Comparative Judgment, Artificial Intelligence and Emergency Management. Homepage: <http://sites.google.com/site/conniemwhite/>.

Academic Background:

Ph.D. Information System from the College of Computing Sciences at the New Jersey Institute of Technology, January 31, 2010. Dissertation: A DYNAMIC DELPHI SYSTEM TO SUPPORT DECISION MAKING BY LARGE GROUPS OF CRISIS MANAGEMENT EXPERTS

Master of Science Teaching Mathematics from Loyola University, New Orleans from the Mathematics and Computer Science Department, 1996.

Relevant Publications

2011

Connie White. Book: *Social Media, Crisis Communication, and Emergency Management: Utilizing Web 2.0 Technologies*. Taylor and Frances, CRC Press, *due out Spring 2011*.

Connie White. Book: *A Dynamic Delphi System to Support Decision Making by Large Groups of Crisis Management Experts*. LAP LAMBERT Academic Publishing GmbH & Co. KG.

2010

Connie White and Murray Turoff. Factors that Influence Crisis Managers and their Decision Making Ability During Extreme Events. *International Journal of Information Systems for Crisis Response and Management*, Volume 2, Issue 3, p. 25–35.

Burstein, F., Brezillon, P. and Zaslavsky, A. (2010), *Supporting Real Time Decision-Making: The Role of Context in Decision Support on the Move* (Annals of Information Systems), Springer-Verlag New York, Inc. Invited Chapters:

1. Murray Turoff, Connie White and Linda Plotnick. Book Chapter: Real Time Decision Making. Dynamic Emergency Response Management for Large Scale Decision Making in Extreme Hazardous Events.
2. Linda Plotnick, Murray Turoff and Connie White. Book Chapter: Partially Distributed Emergency Teams (PDET): Considerations of Decision Support for Virtual Communities of Practice (VCoP).

Connie White, Murray Turoff, and Starr Roxanne Hiltz. A Real Time Online Delphi Decision System, Version 2.0: Crisis Management Support during Extreme Events, *Information Systems for Crisis Response and Management*, ISCRAM, Seattle, WA.

Connie White and Linda Plotnick. A Framework to Identify Best Practices: Social Media and Web 2.0 Technologies in the Emergency Domain. *International Journal of Information Systems for Crisis Response and Management (IJISCRAM)*. Volume II, Issue I. IGI Publishers, January Issue, 2010.

Guest Editor, Linda Plotnick and Connie White. A Social Media Tsunami: The Approaching Wave. Online Social Networks to Support Community Resilience through Collaborative Web 2.0 Technologies. *International Journal of Information Systems for Crisis Response and Management (IJISCRAM)*. Volume II, Issue I. IGI Publishers, January Issue, 2010.

2009

Connie White, Linda Plotnick, Jane Kushma, Starr Roxanne Hiltz, and Murray Turoff. An Online Social Network for Emergency Management. *International Journal of Emergency Management* 2009, Vol. 6, No.3/4 pp. 36–382

Linda Plotnick, Connie White, and Maria Plummer. *The Design of a Social Networking Site for Emergency Management: One Stop Shop*. Americas Conference on Information Systems, (AMCIS) San Francisco.

Connie White and Murray Turoff, The Potential for Social Networks in Emergency Management. *International Association of Emergency Managers. IAEM Bulletin*, February Special Edition.

2008

Murray Turoff, Starr Roxanne Hiltz, Connie White, Linda Plotnick, Art Hendela and Xiang Yao. *The Past as the Future in Emergency Preparedness and Management*, The International Journal of Information Systems for Crisis Response and Management IJISCRAM, Vol. 1, Issue 1 December 2008.

Connie White, Starr Roxanne Hiltz, and Murray Turoff. *United We Respond: One Community, One Voice*, Information Systems for Crisis Response and Management, ISCRAM, Washington, DC.