

## Dr. Steven J. Jensen

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Around the world people's lives are getting better through public health and international development, yet these gains are at risk from natural disasters, complex emergencies and emerging disease threats. Globalized disaster risk management (DRM) systems are getting better by the day but require strong partnerships at local levels to see results. Understanding how to build DRM capacity, both globally and locally, requires a unique set of knowledge and experience.

Dr. Steven Jensen is an advisor and educator in DRM with a focus on policy and governance. He has served for forty years in humanitarian assistance and the emergency services. Dr. Jensen earned a Doctorate in Policy from the University of Southern California, a Master of Science in Emergency Management from California State University and a Bachelor of Science in International Studies from Whitworth University.

Strong analytical skills, backed by extensive experience and education, allows Dr. Jensen to help shape the emerging field of DRM. To this end Dr. Jensen has recently been focused on developing the next generation core competencies to guide education and practice, as well as writing and offering presentations on strategic issues.

### WORK

American Red Cross, Scientific Advisory Council, Washington DC,  
Chairman, Disaster Health and Preparedness, 2011 – present

- Direct the provision of scientific advice for program development.
- Advisor on the Red Cross Pillowcase Project, which has reached over one million students globally.
- Advisor on Disney Foundation/Red Cross children's disaster preparedness communications.
- Advisor on the FEMA/Red Cross "Awareness to Action" national summit on disaster communications.

### Advisory Roles and the Adapt Institute

- Lead on developing a roadmap for managing fire at the Wildland Urban Interface.
- Analytical support for FEMA on Presidential Policy Directive Eight Core Competencies.
- Next Generation Core Competencies, Co-lead on this FEMA future policy setting research identifying new directions for emergency management.
- Creation of the Adapt Institute, a non-profit strategically placed to help organizations thrive in uncertainty by leveraging the Next Generation Core Competency framework.
- Naval Post-Graduate School / Joint Field Experiments. UAV and sense-making program development.
- Field development of UAV-based damage assessment program for Typhoon Haiyan in the Philippines.

- Evaluation of the New Zealand Fire Service at the Christchurch earthquake, 2011.
- Advisor to the Queen's Council during Coronial Hearings on response issues emerging from the Christchurch (NZ) earthquake.
- Asia Disaster Preparedness Center, developed risk decision course

California State University, Emergency Services Administration  
Advisor / Lecturer, 2006 – present

- Advisor and subject matter expert for the development of the new graduate level emergency management program.
- Developed and taught graduate level courses in emergency management.
- University of California Los Angeles, Emergency Management and Homeland Security Certificate Advisory Board

Massey University / Joint Centre for Disaster Research, New Zealand  
Researcher / Course Developer / Lecturer, 2011 - present

- Advisor and subject matter expert for the development of graduate level emergency management program.
- Developed and taught graduate level courses in emergency management.

City of Long Beach, California

Emergency Management Specialist / Firefighter, 1989 -1995, 2001- 2010

- Directed the Emergency Management program for the city.
- Designed and implemented Community Emergency Response Teams.
- Established the Emergency Operations Center.
- Developed the City's Emergency Operations Plan.
- Selected by the City Manager to help develop ideas and implementation strategies that addressed serious financial and organizational issues in the City.
- Lead a multi-disciplinary team for airport emergency planning.
- Collaborated with Lawrence Livermore National Laboratory on emergency management research, resulting in the development of an emergency management information system.
- Served during the Los Angeles Riots, 1993 firestorms, earthquakes, two major floods, and several large hazardous substance incidents.
- Seconded to the Governor's Office of Emergency Services in the Northridge earthquake for analytical support to the Plans Unit.

Wellington, New Zealand

Advisor / Principal Rural Fire Officer, 1995 - 2000

- Researched and developed the innovative NZ Coordinated Incident Management System as a partner on the project team.
- Directed the City Risk project, which used Geographic Information Systems to analyze the interaction between hazards, the built and social

environments. This project allowed organizations to model policy options for the strategic management of natural disasters.

- Achieved a 50 percent reduction in large wildland fires through public education and risk reduction as director for rural fire emergency response. Effective management of the emergency response reduced fire's impact on the environment.
- Designed and implemented systems to strategically coordinate lifelines emergency response to natural disasters in partnership with utilities.
- Addressed community involvement in complex emergencies and developed an innovative approach to training volunteers in partnership with the Fire Service and Red Cross.
- Audited local government's ability to respond to a natural disaster.
- Supported organizational change through involvement in working groups.
- Through the Earthquake Mega-cities Initiative, proposed and lead a NZ-China partnership with the City of Tianjin.
- Analysis of emergency response programs for the Fujian Seismological Bureau, China.
- Analytical support for the New Zealand Emergency Services Review.
- First Impact Working Group: airport emergency response planning, exercise design and implementation.
- New Zealand National Rural Fire Authority, Interface Fire Strategies and Publications, Project Team, 1999-2000.
- New Zealand National Rural Fire Authority, Geographic Information Systems, Project Team, 2000.
- New Zealand Urban Search and Rescue, Concept Strategy and Development, 1998.
- Emergency Management Handbook (Reed Publications), Project Team, New Zealand Red Cross, 1997.

United Nations High Commissioner for Refugees

Program Director / Protection Officer, Malaysia, 1984 - 1986

Program Director, Thailand, 1979 - 1980

- Developed and managed systems that provided food and shelter for 130,000 refugees at Khao I Dang on the edge of war zone along Thailand and Cambodia border.
- Lead day-to-day operations including food, shelter, nutrition and sanitation issues for a camp of 10,000 Vietnamese Boat People located on an isolated island.
- Defended refugees' rights in a remote and hostile setting.
- Managed local anti-piracy efforts with successful prosecutions.
- Lead a multi-million dollar program and reduced costs by 15 percent through implementation of strong management and cost controls.

- EDUCATION University of Southern California
- Doctor of Policy, Planning and Development, 2012  
Dissertation: *Emerging Catastrophes in Slums of the Developing World: Considerations for Policy Makers*
- Johns Hopkins University, *Bloomberg School of Public Health*
- Graduate Certificate, Health Emergencies in Large Populations, 2009
- California State University, Long Beach
- Master of Science, Emergency Management, 1995
  - Honor Societies: Phi Kappa Phi and Epsilon Pi Tau
- Fuller Theological Seminary, Pasadena, California
- Graduate Studies in Theology, 1991-4
- Whitworth University, Spokane, Washington
- Bachelor of Arts, International Studies, 1981
- Santa Ana College, Santa Ana, California
- Associate of Science, Fire Technology, 1987

- RECENT WRITING Jensen, S.J., Feldmann-Jensen, S., and Woodworth, B., (2019). *The 2018 Woolsey Fire: A catalyst for change*, Los Angeles Emergency Preparedness Foundation; Los Angeles.
- Jensen, S.J., Feldmann-Jensen, S., and Woodworth, B., (2019). *Resilience Under Fire: Protective action attitudes and behaviors evidenced in the 2018 Woolsey Fire*. National Science Foundation Quick Response Research Report, Natural Hazards Center, University of Colorado, Boulder.
- Feldmann-Jensen, S., Jensen, S., and Smith, S., (2019). *Next Generation Emergency Management Core Competencies: Targeting Behavioral Anchors and Measures*. Journal of Emergency Management.
- Caribbean Core Competency for Emergency and Disaster Management Roadmap*, (2017). Caribbean Disaster Emergency Management Agency (CDEMA) & GNS Science, New Zealand Report; 2017/46.
- The Next Generation Core Competencies for Emergency Management Professionals: Handbook of Behavioral Anchors and Key Actions for Measurement*. (2017). Emmitsburg, MD: FEMA.

Feldmann-Jensen, S., Jensen, S., Smith, S., and Etkin, D., (2016). *Toward a Substantive Dialogue: The Case for an Ethical Framework in Emergency Management, Part 1*. Australasian Journal of Trauma and Disaster Studies.

Etkin, D., Feldmann-Jensen, S., Smith, S., and Jensen, S., (2016). *Toward a Substantive Dialogue: The Case for an Ethical Framework in Emergency Management, Part 2*. Australasian Journal of Trauma and Disaster Studies.

Johnston, D., et.al. (2014). The 2010/2011 *Canterbury earthquakes: context and cause of injury*. Natural Hazards. September 2014, Volume 73, Issue 2, pp 627-637.

Jensen, S., et.al. (2015). *The emergence of a globalized system for disaster risk management and challenges for appropriate governance*. Intl Journal of Disaster Risk Science. Volume 6, Issue 1, pp 87-93.

Lambie, E., et.al. (2015). *Human behaviour during and immediately following earthquake shaking: developing a methodological approach for analysing video footage*. Natural Hazards. January 2016, Volume 80, Issue 1, pp 249–283

Lambie, E., et.al. (2016). *Closed Circuit Television (CCTV) Earthquake Behaviour Coding Methodology: analysis of Christchurch Public Hospital video data from the 22 February Christchurch earthquake event*. Natural Hazards. December 2016.

Rovins, J.E., et.al. (2015) *Risk Assessment Handbook*, GNS Science, v.84, Wellington, New Zealand: Massey University.