



The Big 10 in Emergency Management X 2

10 Major Changes in Last 10 Years
10 Major Changes in Next 10 Years

Overview

- In Wall Street parlance, I am very bullish on Emergency Management
- It is constantly changing, constantly improving, including the Stafford Act, the bible in US EM
- Emergency Management is a universal language and a global culture, for public, private, and nonprofit sectors
- We are still, even in 2014, pioneers in the profession
- Meanwhile, our profession has never been more important, with astronomical statistics regarding disasters' economic impact on the world economy

Big Events

- Hurricane Andrew, 1992
- Midwest Floods, 1993
- North Ridge Earthquake 1994
- Oklahoma City Bombing, 1995
- Hurricane Floyd, 1998
- 9/11
- Hurricane Katrina
- Multiple Tornadoes and Campus Shootings

10 Changes Last 10 Years

Training – EMI, NFA, States, Tribes, Locals – Dramatic increases in number and changes in delivery, especially Independent Study Courses

Higher Education – launch of FEMA Higher Education Program in 1994, almost 290 degree and certificate programs

Planning – Begin with risk assessment (THIRA); FEMA Preparedness frameworks – National Mitigation Framework, NIMS, NRF, and Disaster Recovery Framework

Exercises – Homeland Security Exercise and Evaluation Program, National Leaders Exercise (from Top Off)

Standards – EMAP, NFPA 1600, FFHEA, ANSI, ASTM, ISO, BCI, DRII

Last 10 Years, Continued

- Funding – Hard hit by great recession, emphasis on terrorism
- Technology – Virtual EOC, Facebook, Twitter, Social Media, I-Phone, I-Pad, Emergency Notification, GIS,
- Legal Issues – Grand Jury in Sonoma County investigating County Superintendent of Schools, local jurisdiction in Ohio bringing lawsuit against EM Director over not hiring CEM©, and Italian court imprisoning Italian Earthquake Scientists who didn't predict EQ; Criminal complaint filed against Mayor in Fukushima tsunami, not invoking evacuation orders
- FEMA – subordinate to Cabinet; from Cabinet to subordinate
- Partnerships – tribes, business, health, schools, international

Special Attention to Campuses

- Schools – Newtown, CT, Superintendent, keynoted National Association of School Safety and Law Enforcement Officials: “Plan early, one way in; one way out. Install multiple alarms in all buildings. Rehearse the crisis plan. Often.”
- Relationship with EM, fire service, LE has to be hand in glove.
- Safe and Drug Free Schools Program, Department of Education abolished in 2010.
- IAEM created University/College EM Committee

New Word

- Resilience
- PhD proposed in Resilience, UNLV
- What does it mean?
- 100 Resilient Cities, Rockefeller Foundation
- San Francisco has the Adapting to Rising Tides Project (ART) aim to create resilient communities in Alameda County, along Pacific Coastline
- Portfolio of tools, contest, lessons learned

Looking to the Future

- Climate Change is accelerating, as is the understanding of it, putting more emphasis on taking action and raising the profile of disaster preparedness
- Growing alliance among environmentalists, historic preservationists, green energy, and related professions, with emergency management
- Our approach will need to become more global and holistic – first seen with Chernobyl – disasters have no borders

Special Shout Out to Technology

- OUR WORLD IS CHANGING RAPIDLY
 1. Democratized startups – open access to startup knowledge, transformational investment strategies
 2. High-fidelity living-big data/quick broad feedback
 3. De-institutionalized production-ad hoc, dynamic
 4. Customizable value webs – customer centric
 5. Shareable cities – shaped by human connection/contribution

10 Changes Next 10 Years

Training – More MOOCs, webinars, new courses (updated more frequently); World Disaster Management Community College in Kanana, South Africa; Urban Assembly High School, NYC on EM

Higher Education – more degree and certificate programs, 500 by 2024 is my prediction, course on EM on every campus, chapter in every public administration text book, accreditation, K - PhD

Planning – more localized, now that national frameworks are in place

Exercises – Social Media will continue to extend the experience to the public and to more partner players

Standards – more CEM© holders, jobs requiring EM degree

Next 10 Years, Continued

- Funding – I have to hope it will improve: economic recovery, increased importance, enhanced qualifications
- Technology – driverless cars will become the center of the technology universe, collaboration, GIS
- Legal Issues – more court cases and investigations, both from increased responsibility
- FEMA – Sad underfunding remedy hopefully, Cabinet
- Partnerships – Growing on a global basis and engaging all sectors, all hands, whole community

The Future of the Profession

- More people understand our Principles of EM – Collaborative, comprehensive, coordinated, integrated, risk-driven, flexible, progressive, professional
- Growing in size, scope, responsibility, and respect
- Press is our friend; increased coverage of disasters educates the public on at least a part of our work
- More funding, our greatest need, so we can continue to attract outstanding professionals

Let the Conversations Continue

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