Presentation Information

- The attached presentation was delivered in Denver Colorado to the Association of Continuity Professionals chapter meeting on 7/19/19.
- If you have any questions, please contact the author directly.
- If you have any feedback, please send an email.
- Thank you for your time.

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Business Continuity: We Are Not Alone

Howard Pierpont – Association of Continuity Professionals – Colorado Rocky Mountain Chapter

Who is this Pierpont guy?

- Son of a weatherman father and a school teacher mother
- Watched weather and environmental situations starting at a young age
- 27 years in computer industry configuring resilient systems
- Business Continuity [little traction before 9/11]
- Corporate programs and FEMA Long Term Recovery
- Recent subject matter expert work included small business, municipalities and not-for-profits for the US EDA
- Board Chairman DERA and Institute for Preparedness and Resilience



What is a Disaster?

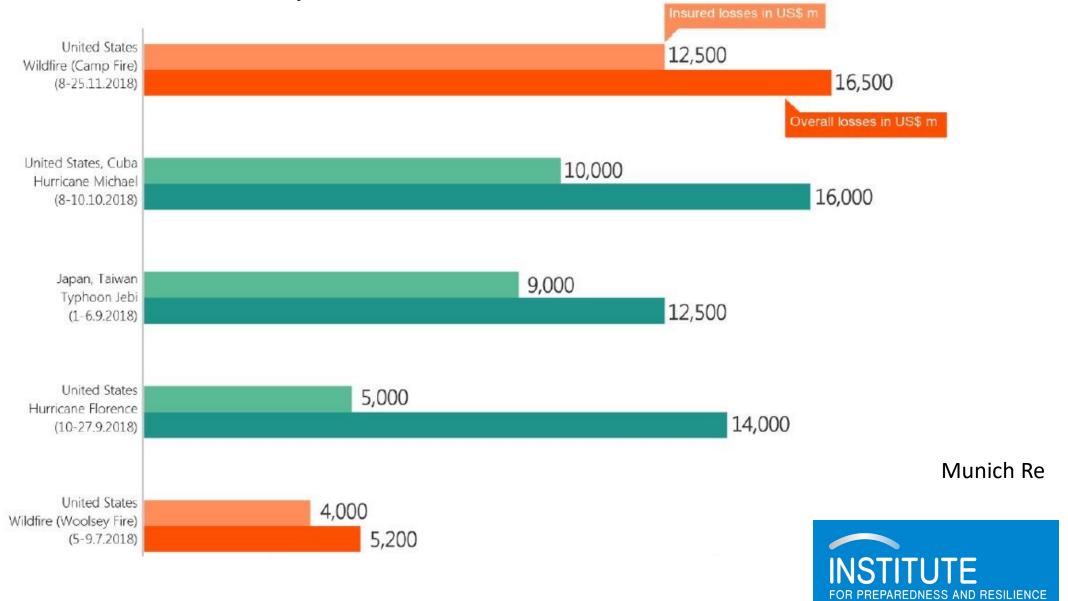


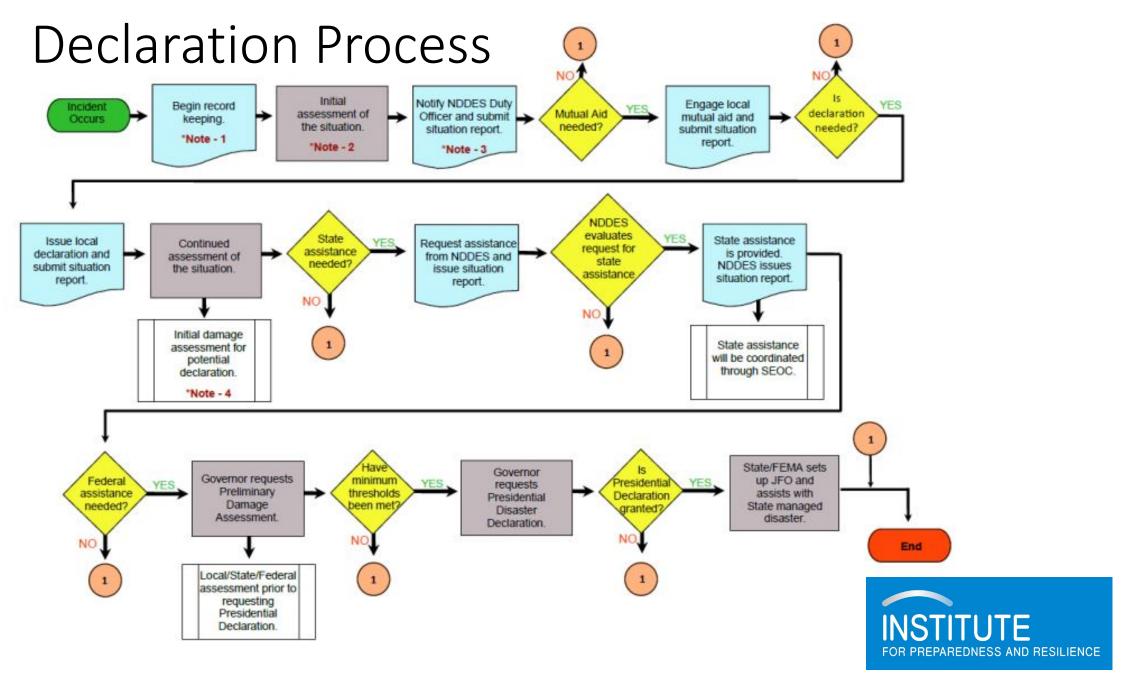
Disaster defined

- A "sudden or great misfortune" or simply "any unfortunate event." More precisely, a disaster is "an event whose timing is unexpected and whose consequences are seriously destructive." These definitions identify an event that includes three elements:
 - Suddenness
 - Unexpectedness
 - Significant destruction and/or adverse consequences
- A fourth element, lack of foresight or planning, is sometimes added.



2018 Loss in \$million







60 Disasters Declared

60.8 days average time from onset to declaration





2017 Hurricane Season — *by the* Numbers —





Insurance Institute for Business & Home Safety (IBHS)

- Institute for Business and Home Safety
- Toolkit developed in 2004
- Original targeted at 'larger businesses'
- Available as fillable PDF or an app
- Toolkit helps:
 - Identify the business activities that are essential for continued operation during a disruption
 - Deal with risks your organization faces
 - Create an easy-to-use recovery plan tailored to your business
- Gives confidence 'if' the worst occurs







Know Where To Go for Help

Your relationship with your community and outside agencies can strengthen your ability to protect your employees and property and return to normal operations. Maintain a channel of communication with community leaders, public safety organizations such as the police, fire and emergency medical services, government agencies, utility companies, and others. Working together with outside agencies can be beneficial because they can provide a wealth of information to help you recover quickly from a disaster.

Refer to the resources below for more information about implementing disaster safety recommendations to help you prepare for and recover from natural or other types of disasters.

Insurance Institute for Business & Home Safety

In addition to providing this free business continuity tool kit, IBHS provides free disaster preparedness and property protection guidelines, recommendations and projects for small businesses. The Institute also offers post-disaster recommendations on repairing and rebuilding to make your building(s) stronger and safer the next time a disaster strikes.

http://disastersafety.org

American Red Cross

Among other disaster preparedness and response services, the Red Cross offers a number of preparedness training programs and resources for workplaces, families, and individuals.

www.redcross.org

Business Civic Leadership Center – Disaster Help Desk

The BCLC Help Desk is designed to enhance community economic recovery after a disaster. The Help Desk provides on-the-ground coordination of information among businesses, local chambers of commerce, NGOs, government responders, and disaster recovery specialists.

http://bclc.uschamber.com/site-page/disaster-helpdesk-business

DisasterAssistance.gov

Provides information on how you might be able to get help from the federal government before, during and after a disaster. If the President of the United States makes help available to individuals in your community after a disaster, you can visit this site to apply online.

http://www.disasterassistance.gov

OFB-EZ* is a program of the Insurance Institute for Business & Home Safety Download this document at <u>DisasterSafety.org/open-for-business</u>

Federal and Local Emergency Management Agencies

Even the largest, most widespread disasters require a local response. Local emergency management programs are the core of the nation's emergency management system.

http://www.fema.gov/regional-operations/state-officesand-agencies-emergency-management

Internal Revenue Service–Disaster Assistance and Emergency Relief for Businesses

The IRS offers audio presentations about planning for disaster. These presentations discuss business continuity planning, insurance coverage, record keeping and other recommendations for staying in business after a major

http://www.irs.gov/Businesses/Small-Businesses-&-Self-Employed/Disaster-Assistance-and-Emergency-Relieffor-Individuals-and-Businesses-1

Small Business Administration

The U.S. Small Business Administration provides loans, loan guarantees, contracts, counseling sessions and other forms of assistance to small businesses following a disaster.

http://www.sba.gov/ http://www.sbaonline.sba.gov/services/ disasterassistance/disasterpreparedness/

Small Business Development Centers

The SBDC assists small businesses with financial, marketing, production, organization, engineering and technical problems, as well as feasibility studies.

http://www.sba.gov/content/small-businessdevelopment-centers-sbdcs http://www.asbdc-us.org/



American Nurses Credentialing Center

- Must be credentialed [235,000+] as:
 - Practitioner
 - Clinical specialist
 - Specialty
- First Interdisciplinary certification
- Competency based interprofessional examination
- Knowledge, skills and competencies of healthcare professionals
- All phases of:
 - disaster preparedness
 - mitigation
 - response
 - recovery cycles
 - 10 sections on 'knowledge of' and 'skills in'





American Nurses Credentialing Center

- Mitigation of Risks and Hazards
- Knowledge of:
 - Health, safety, environmental and security
 - Personal Safety measures
 - Organizational safety measures
 - Community safety measures

Skills in:

• Threats, hazards and vulnerabilities [Hazard Vulnerability Assessment (HVA)]









- Enhance awareness of risks and efforts to improve community:
 - Preparedness
 - Resilience
 - Sustainability in both natural and human-caused hazards
- Green infrastructure approaches to hazard protection as a costeffective method for mitigating the effects of natural hazards
- Support other benefits in the community
- Balance environmental and community economic considerations to ensure that hazard mitigation planning is successful and effective



American Planning Association Briefing Papers



Creating Great Communities for All

- Adoption of a pre-event recovery ordinance
- Public/private partners play a vital role in helping manufacturers recover from disasters
- Every element of a disaster-impacted community will need funds
- Hazard mitigation by emphasizing wise land use
- Measuring success in recovery
- Public engagement in recovery planning
- Planning resilient infrastructure systems



American Planning Association



Creating Great Communities for All

- Planning for Disaster Recovery
- Post-Disaster Recovery in a Changing Climate
- Principles for Preparing a Community's Disaster Recovery Plan
 - APA's Hazard Mitigation and Disaster Recovery Planning Division
- Planning Advisory Service Reports
- PAS Memo 6x per year
- Current Projects



Insurance Information Institute



- Know Your Plan™ award-winning app
- Helps you, your family, and even your pets prepare to safely get out of harm's way before trouble starts.
- Use preloaded checklists to discover key mitigation and preparation steps or create lists from scratch.

 Know Your Plan™
- Either method lets you set:
 - due dates
 - chart progress
 - include notes, contact lists and other information
 - share your checklists with family and friends





US Economic Development Agency



- EDA's role in disaster recovery is to facilitate the timely and effective delivery of Federal economic development assistance
- Support long-term community economic recovery planning and project implementation, redevelopment and resiliency
- EDA is positioned to coordinate regional disaster recovery efforts in partnership with its extensive network of Economic Development Districts (EDDs), University Centers, institutions of higher education and other partners in designated impact areas
- Designated Recovery Support Function



US Economic Development Agency



- Comprehensive Economic Development Strategy (CEDS)
- Revised every 5 years, updated annually. Funded effort
- Regulations governing the CEDS (see 13 C.F.R. § 303.7), the following sections must be included in the CEDS document:
 - Summary Background: A summary background of the economic conditions of the region
 - SWOT Analysis: An in-depth analysis of regional strengths, weaknesses, opportunities and threats (commonly known as a "SWOT" analysis)
 - Strategic Direction/Action Plan: The strategic direction and action plan should build on findings from the SWOT analysis and incorporate/integrate elements from other regional plans (e.g., land use and transportation, workforce development, etc.) where appropriate as determined by the EDD or community/region engaged in development of the CEDS. The action plan should also identify the stakeholder(s) responsible for implementation, timetables, and opportunities for the integrated use of other local, state, and federal funds
 - Evaluation Framework: Performance measures used to evaluate the organization's implementation of the CEDS and impact on the regional economy
- 5 pages [63 items] on planning, resiliency and recovery



State Agencies



- Louisiana recently released Pet Preparedness Campaign
 - Checklist and video
- New Jersey Office of Emergency Management
 - Hurricane Survival Guide for New Jersey and recommendations
 - Nixle: Subscribe to the NJ State Police on Nixle Connect
 - CMAS (Community Mobile Alert System) [can opt out]
 - Plan template
- CA Public Advocate's Office of the CPUC
 - Communication issues during emergencies
- Connecticut PUC may demand after action report



International Economic Development Council



- Certified Economic Developers
- Deliver consulting via grants to communities
- Consulting includes: business development, retention and expansion
- Training and educational sessions
 - The Delta Regional Authority strives to create jobs, build communities, and improve the lives of the nearly 10 million people in the Delta region.
 - Appalachian Regional Commission is a United States federal-state partnership that works with the people of Appalachia to create opportunities for selfsustaining economic development and improved quality of life
 - Texas General Land Office Hurricane Harvey



BLOCKS



• School programs K-12 & beyond

(Building Links between Offices of emergency management, Childcare, and the community, for Kids Safety)

- Inconsistent for child care by type, size and location
- What they do:
 - National Childcare Disaster Readiness Certification
 - Campaign Early Prepare (Earthquake Training for Children)
 - I'm Ready So's Teddy (Disaster Preparedness Campaign)
 - Childcare Provider Training (Scare-D Cat or Prepare-D Cat)
 - Connecting Emergency Management and Childcare
 - Public Awareness Campaigns & Business/Emergency Community Engagement



IMPlan

University of Wisconsin Center for Cooperatives Research on the Economic Impact of Cooperatives

- Address questions concerning the size of cooperative businesses or the contribution of cooperatives to the larger economy in three ways.
- Simplest is a "head-count" approach that focuses the size of the business
- Second approach uses multipliers to assess the level of linkages between business and the larger economy.
- Third approach uses a complete model of the larger economy to capture not only the aggregate multiplier effect obtained in the scalar multiplier approach, but also to estimate specific industry-to-industry linkages.

Training for Exercises



ULTIMATE ESCAPE ROOMS EXCLUSIVELY ABOARD THE USS LEXINGTON MUSEUM







U.S. Consumer Product Safety Commission (CPSC)

- 38,000 emergency rooms each year with injuries related to tip-overs of top-heavy furniture or televisions
- Two-thirds of those injuries involved children younger than 5
- Between 2000 and 2013, 84
 percent of the 430 deaths reported
 to CPSC involved children younger
 than 10.





CANDLE SAFETY TIPS

- Never leave a lit candle unattended
- Blow out candles after use and before going to bed
- Keep candles in sturdy holders





When Seconds Count...

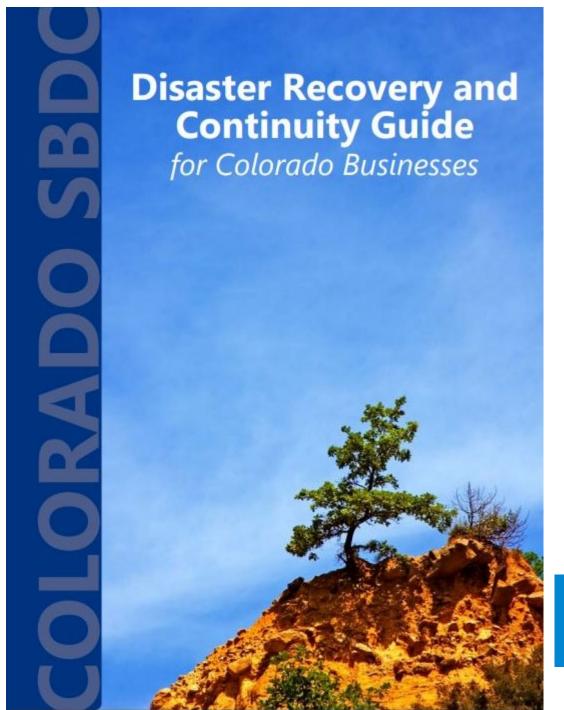


After a snowfall, remember to clear a three-foot radius around fire hydrants near your home.



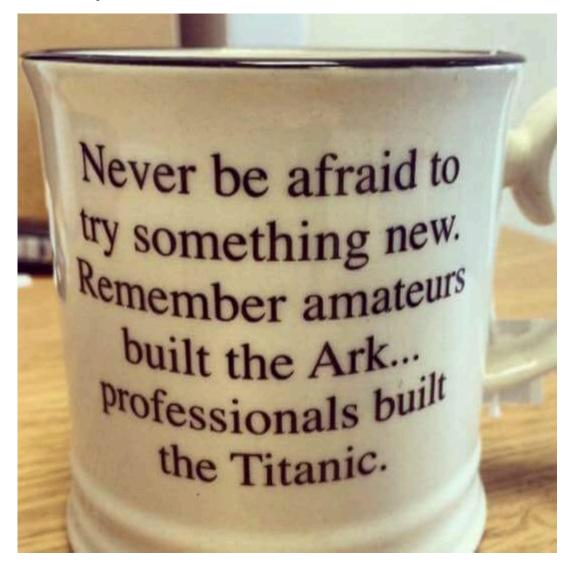


Did you know?

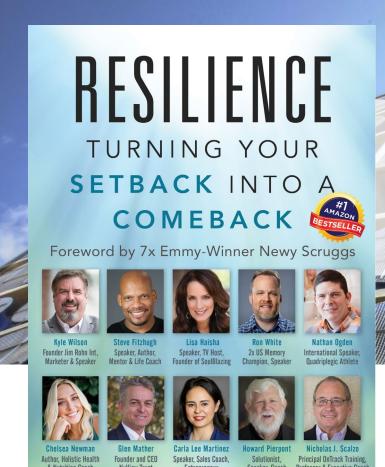




What can you do?







Powerful stories from Entrepreneurs, Professionals,

Real Estate Syndicators, Speakers, Authors, NFL Players and Mentors, a 2x US Memory Champion, PGA Tour Mentor and more.



Questions?

For more information, contact:

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